

Environmental Quality Incentives Program

Code	Practice	Component	Units	Unit Cost
102	Comprehensive Nutrient Management Plan - Written	CNMP Greater Than 300 AU with Land Application (Minimal Engineer Assistance)	no	\$4,771.55
102	Comprehensive Nutrient Management Plan - Written	HU-CNMP Greater Than 300 AU with Land Application (Minimal Engineer Assistance)	no	\$5,725.86
102	Comprehensive Nutrient Management Plan - Written	CNMP Greater Than 300 AU without Land Application (Minimal Engineer Assistance)	no	\$2,414.34
102	Comprehensive Nutrient Management Plan - Written	HU-CNMP Greater Than 300 AU without Land Application (Minimal Engineer Assistance)	no	\$2,897.21
102	Comprehensive Nutrient Management Plan - Written	CNMP Less Than or Equal to 300 AU with Land Application (Minimal Engineer Assistance)	no	\$3,633.08
102	Comprehensive Nutrient Management Plan - Written	HU-CNMP Less Than or Equal to 300 AU with Land Application (Minimal Engineer Assistance)	no	\$4,359.70
102	Comprehensive Nutrient Management Plan - Written	CNMP Less Than or Equal to 300 AU without Land Application (Minimal Engineer Assistance)	no	\$2,126.83
102	Comprehensive Nutrient Management Plan - Written	HU-CNMP Less Than or Equal to 300 AU without Land Application (Minimal Engineer Assistance)	no	\$2,552.20
102	Comprehensive Nutrient Management Plan - Written	Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	no	\$8,929.78
102	Comprehensive Nutrient Management Plan - Written	HU-Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	no	\$10,715.74
102	Comprehensive Nutrient Management Plan - Written	Dairy Operation Greater Than or Equal to 700 AU with Land Application	no	\$9,929.80
102	Comprehensive Nutrient Management Plan - Written	HU-Dairy Operation Greater Than or Equal to 700 AU with Land Application	no	\$11,915.76
102	Comprehensive Nutrient Management Plan - Written	Dairy Operation Less Than 300 AU with Land Application	no	\$7,814.76
102	Comprehensive Nutrient Management Plan - Written	HU-Dairy Operation Less Than 300 AU with Land Application	no	\$9,377.71
102	Comprehensive Nutrient Management Plan - Written	Livestock Operation Greater Than 300 AU without Land Application	no	\$7,009.01
102	Comprehensive Nutrient Management Plan - Written	HU-Livestock Operation Greater Than 300 AU without Land Application	no	\$8,410.81
102	Comprehensive Nutrient Management Plan - Written	Livestock Operation Less Than 300 AU without Land Application	no	\$5,641.85
102	Comprehensive Nutrient Management Plan - Written	HU-Livestock Operation Less Than 300 AU without Land Application	no	\$6,770.22
102	Comprehensive Nutrient Management Plan - Written	Non-Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	no	\$8,067.99
102	Comprehensive Nutrient Management Plan - Written	HU-Non-Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	no	\$9,681.58
102	Comprehensive Nutrient Management Plan - Written	Non-Dairy Operation Greater Than or Equal to 700 AU with Land Application	no	\$9,745.87
102	Comprehensive Nutrient Management Plan - Written	HU-Non-Dairy Operation Greater Than or Equal to 700 AU with Land Application	no	\$11,695.04

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102	Comprehensive Nutrient Management Plan - Written	Non-Dairy Operation Less Than 300 AU with Land Application	no	\$6,263.67
102	Comprehensive Nutrient Management Plan - Written	HU-Non-Dairy Operation Less Than 300 AU with Land Application	no	\$7,516.41
104	Nutrient Management Plan - Written	Nutrient Management CAP 104 - 101-300 Acres (Element of a CNMP)	no	\$4,121.31
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP 104 - 101-300 Acres (Element of a CNMP)	no	\$4,945.57
104	Nutrient Management Plan - Written	Nutrient Management CAP 104- 101-300 Acres (Not part of a CNMP)	no	\$2,355.03
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP 104- 101-300 Acres (Not part of a CNMP)	no	\$2,826.04
104	Nutrient Management Plan - Written	Nutrient Management CAP 104 Greater Than 300 Acres (Element of a CNMP)	no	\$5,004.44
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP 104 Greater Than 300 Acres (Element of a CNMP)	no	\$6,005.33
104	Nutrient Management Plan - Written	Nutrient Management CAP 104 Greater Than 300 Acres (Not part of a CNMP)	no	\$2,943.79
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP 104 Greater Than 300 Acres (Not part of a CNMP)	no	\$3,532.55
104	Nutrient Management Plan - Written	Nutrient Management CAP 104 Less Than or Equal to 100 Acres (Element of a CNMP)	no	\$2,943.79
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP 104 Less Than or Equal to 100 Acres (Element of a CNMP)	no	\$3,532.55
104	Nutrient Management Plan - Written	Nutrient Management CAP Less Than or Equal to 100 Acres (Not part of a CNMP)	no	\$1,766.27
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP Less Than or Equal to 100 Acres (Not part of a CNMP)	no	\$2,119.53
106	Forest Management Plan - Written	FMP 101 to 250 acres	no	\$2,399.80
106	Forest Management Plan - Written	HU-FMP 101 to 250 acres	no	\$2,879.76
106	Forest Management Plan - Written	FMP 21 to 100 acres	no	\$1,339.42
106	Forest Management Plan - Written	HU-FMP 21 to 100 acres	no	\$1,607.31
106	Forest Management Plan - Written	FMP 251 to 500 acres	no	\$3,460.18
106	Forest Management Plan - Written	HU-FMP 251 to 500 acres	no	\$4,152.22
106	Forest Management Plan - Written	FMP 501 to 1000 acres	no	\$4,018.27
106	Forest Management Plan - Written	HU-FMP 501 to 1000 acres	no	\$4,821.93
106	Forest Management Plan - Written	FMP Greater Than 1000 acres	no	\$5,022.84
106	Forest Management Plan - Written	HU-FMP Greater Than 1000 acres	no	\$6,027.41
106	Forest Management Plan - Written	FMP Less Than or Equal to 20 acres	no	\$1,060.38
106	Forest Management Plan - Written	HU-FMP Less Than or Equal to 20 acres	no	\$1,272.45
110	Grazing Management Plan - Written	Grazing Management Plan 101 to 500 acres	no	\$2,308.14
110	Grazing Management Plan - Written	HU-Grazing Management Plan 101 to 500 acres	no	\$2,769.77
110	Grazing Management Plan - Written	Grazing Management Plan 1501 to 5000 acres	no	\$3,462.21
110	Grazing Management Plan - Written	HU-Grazing Management Plan 1501 to 5000 acres	no	\$4,154.66

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110	Grazing Management Plan - Written	Grazing Management Plan 501 to 1500 acres	no	\$2,885.18
110	Grazing Management Plan - Written	HU-Grazing Management Plan 501 to 1500 acres	no	\$3,462.21
110	Grazing Management Plan - Written	Grazing Management Plan Greater Than 5000 acres	no	\$4,039.25
110	Grazing Management Plan - Written	HU-Grazing Management Plan Greater Than 5000 acres	no	\$4,847.10
110	Grazing Management Plan - Written	Grazing Management Plan Less Than or Equal to 100 acres	no	\$1,731.11
110	Grazing Management Plan - Written	HU-Grazing Management Plan Less Than or Equal to 100 acres	no	\$2,077.33
112	Prescribed Burning Plan - Written	Prescribed Burning Plan 101-250 Acres	no	\$669.71
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan 101-250 Acres	no	\$803.65
112	Prescribed Burning Plan - Written	Prescribed Burning Plan 21-100 Acres	no	\$446.47
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan 21-100 Acres	no	\$535.77
112	Prescribed Burning Plan - Written	Prescribed Burning Plan 251-500 Acres	no	\$892.95
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan 251-500 Acres	no	\$1,071.54
112	Prescribed Burning Plan - Written	Prescribed Burning Plan 501-1000 Acres	no	\$1,116.19
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan 501-1000 Acres	no	\$1,339.42
112	Prescribed Burning Plan - Written	Prescribed Burning Plan Greater Than 1000 Acres	no	\$1,339.42
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan Greater Than 1000 Acres	no	\$1,607.31
112	Prescribed Burning Plan - Written	Prescribed Burning Plan Less Than or Equal to 20 Acres	no	\$279.05
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan Less Than or Equal to 20 Acres	no	\$334.86
114	Integrated Pest Management Plan - Written	IPM Management CAP Large - Greater Than 250 Acres	no	\$2,943.79
114	Integrated Pest Management Plan - Written	HU-IPM Management CAP Large - Greater Than 250 Acres	no	\$3,532.55
114	Integrated Pest Management Plan - Written	IPM Management CAP Medium 51 - 250 Acres	no	\$1,884.03
114	Integrated Pest Management Plan - Written	HU-IPM Management CAP Medium 51 - 250 Acres	no	\$2,260.83
114	Integrated Pest Management Plan - Written	IPM Management CAP Small-Specialty Less Than 50 Acres	no	\$1,471.89
114	Integrated Pest Management Plan - Written	HU-IPM Management CAP Small-Specialty Less Than 50 Acres	no	\$1,766.27
118	Irrigation Water Management Plan - Written	Irrigation Water Management CAP with pump test	no	\$3,791.10
118	Irrigation Water Management Plan - Written	HU-Irrigation Water Management CAP with pump test	no	\$4,549.32
118	Irrigation Water Management Plan - Written	Irrigation Water Management Conservation Activity Plan CAP	no	\$2,412.52
118	Irrigation Water Management Plan - Written	HU-Irrigation Water Management Conservation Activity Plan CAP	no	\$2,895.02
130	Drainage Water Management Plan - Written	DWMP - No Tile Map Available	no	\$2,444.86
130	Drainage Water Management Plan - Written	HU-DWMP - No Tile Map Available	no	\$2,933.83
130	Drainage Water Management Plan - Written	DWMP - Tile Map Available	no	\$2,049.37

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130	Drainage Water Management Plan - Written	HU-DWMP - Tile Map Available	no	\$2,459.25
138	Conservation Plan Supporting Organic Transition - Written	Conservation Plan Supporting Organic Transition CAP Crops and Livestock	no	\$4,312.63
138	Conservation Plan Supporting Organic Transition - Written	HU-Conservation Plan Supporting Organic Transition CAP Crops and Livestock	no	\$5,175.15
138	Conservation Plan Supporting Organic Transition - Written	Conservation Plan Supporting Organic Transition CAP Crops or Livestock	no	\$3,680.11
138	Conservation Plan Supporting Organic Transition - Written	HU-Conservation Plan Supporting Organic Transition CAP Crops or Livestock	no	\$4,416.13
142	Fish and Wildlife Habitat Plan - Written	Fish & Wildlife Habitat Management CAP (Three Land Uses)	no	\$3,099.89
142	Fish and Wildlife Habitat Plan - Written	HU-Fish & Wildlife Habitat Management CAP (Three Land Uses)	no	\$3,719.87
142	Fish and Wildlife Habitat Plan - Written	Fish & Wildlife Habitat Mangement CAP (1 Land Use)	no	\$2,146.08
142	Fish and Wildlife Habitat Plan - Written	HU-Fish & Wildlife Habitat Mangement CAP (1 Land Use)	no	\$2,575.29
142	Fish and Wildlife Habitat Plan - Written	Fish & Wildlife Habitat Mangement CAP (2 Land Uses)	no	\$2,622.98
142	Fish and Wildlife Habitat Plan - Written	HU-Fish & Wildlife Habitat Mangement CAP (2 Land Uses)	no	\$3,147.58
142	Fish and Wildlife Habitat Plan - Written	Fish and Wildlife Habitat Management CAP	no	\$2,503.76
142	Fish and Wildlife Habitat Plan - Written	HU-Fish and Wildlife Habitat Management CAP	no	\$3,004.51
146	Pollinator Habitat Plan - Written	Pollinator Habitat Enhancement Plan CAP	no	\$2,503.76
146	Pollinator Habitat Plan - Written	HU-Pollinator Habitat Enhancement Plan CAP	no	\$3,004.51
146	Pollinator Habitat Plan - Written	Pollinator Habitat Enhancement Plan CAP - No Local TSP	no	\$3,636.41
146	Pollinator Habitat Plan - Written	HU-Pollinator Habitat Enhancement Plan CAP - No Local TSP	no	\$4,363.69
154	IPM Herbicide Resistance Weed Conservation Plan - Written	IPM Herbicide Resistance Weed Management CAP Large - Greater Than 250 Acres	no	\$3,532.55
154	IPM Herbicide Resistance Weed Conservation Plan - Written	HU-IPM Herbicide Resistance Weed Management CAP Large - Greater Than 250 Acres	no	\$4,239.06
154	IPM Herbicide Resistance Weed Conservation Plan - Written	IPM Herbicide Resistance Weed Management CAP Medium 51 - 250 Acres	no	\$2,296.16
154	IPM Herbicide Resistance Weed Conservation Plan - Written	HU-IPM Herbicide Resistance Weed Management CAP Medium 51 - 250 Acres	no	\$2,755.39
154	IPM Herbicide Resistance Weed Conservation Plan - Written	IPM Herbicide Resistance Weed Management CAP Small-Specialty Less Than or Equal to 50 Acres	no	\$1,766.27
154	IPM Herbicide Resistance Weed Conservation Plan - Written	HU-IPM Herbicide Resistance Weed Management CAP Small-Specialty Less Than or Equal to 50 Acres	no	\$2,119.53
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Last Year	Ea	\$14,137.60
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Last Year	Ea	\$16,965.12
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Last Year with two treatment sites	Ea	\$20,242.41
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Last Year with two treatment sites	Ea	\$24,290.89
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 1 - NO QAPP	Ea	\$11,782.57
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 1 - NO QAPP	Ea	\$14,139.09

Code	Practice	Component	Units	Unit Cost
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 1 less QAPP (pre-install information) with two treatment sites	Ea	\$16,709.86
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 1 less QAPP (pre-install information) with two treatment sites	Ea	\$20,051.83
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 1-QAPP	Ea	\$16,814.43
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 1-QAPP	Ea	\$20,177.32
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 1-QAPP with two treatment Sites	Ea	\$23,080.14
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 1-QAPP with two treatment Sites	Ea	\$27,696.16
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 2+	Ea	\$11,782.57
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 2+	Ea	\$14,139.09
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 2+ with two treatment sites	Ea	\$16,709.86
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 2+ with two treatment sites	Ea	\$20,051.83
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Last Year	Ea	\$30,475.93
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Last Year	Ea	\$36,571.11
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Last Year with two treatment sites	Ea	\$43,143.23
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Last Year with two treatment sites	Ea	\$51,771.88
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 1 - NO QAPP	Ea	\$28,120.90
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 1 - NO QAPP	Ea	\$33,745.08
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 1 less QAPP (pre-install information) with two treatment sites	Ea	\$39,610.68
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 1 less QAPP (pre-install information) with two treatment sites	Ea	\$47,532.82
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 1 with two treatment sites and QAPP	Ea	\$45,980.96
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 1 with two treatment sites and QAPP	Ea	\$55,177.15
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 1-QAPP	Ea	\$33,152.76
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 1-QAPP	Ea	\$39,783.31
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 2+	Ea	\$28,120.90
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 2+	Ea	\$33,745.08
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 2+ with two treatment sites	Ea	\$39,610.68
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 2+ with two treatment sites	Ea	\$47,532.82
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Above And Below cold climate	Ea	\$26,272.40
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Above And Below cold climate	Ea	\$31,526.87
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit 1	Ea	\$2,623.10

Code	Practice	Component	Units	Unit Cost
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit 1	Ea	\$3,147.72
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit 2	Ea	\$6,972.70
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit 2	Ea	\$8,367.24
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit 3	Ea	\$9,983.91
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit 3	Ea	\$11,980.69
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit Above 2	Ea	\$12,341.58
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit Above 2	Ea	\$14,809.90
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit Above 3	Ea	\$17,968.51
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit Above 3	Ea	\$21,562.21
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit Above and Below 1	Ea	\$3,781.25
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit Above and Below 1	Ea	\$4,537.50
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Surface Cold Climate	Ea	\$15,787.79
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Surface Cold Climate	Ea	\$18,945.35
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Tile Cold Climate	Ea	\$22,765.27
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Tile Cold Climate	Ea	\$27,318.32
309	Agrichemical Handling Facility	Concrete Agrichemical Handling Pad for mixing and loading	sq ft	\$5.99
309	Agrichemical Handling Facility	HU-Concrete Agrichemical Handling Pad for mixing and loading	sq ft	\$7.19
309	Agrichemical Handling Facility	Liquid Agrichemical Storage, Concrete Walls and 12 inch Floor	sq ft	\$9.64
309	Agrichemical Handling Facility	HU-Liquid Agrichemical Storage, Concrete Walls and 12 inch Floor	sq ft	\$11.57
309	Agrichemical Handling Facility	Liquid Agrichemical Storage, Double walled tank	Ea	\$6,573.79
309	Agrichemical Handling Facility	HU-Liquid Agrichemical Storage, Double walled tank	Ea	\$7,888.55
309	Agrichemical Handling Facility	Liquid Agrichemical Storage, Lined earthen basin	sq ft	\$1.00
309	Agrichemical Handling Facility	HU-Liquid Agrichemical Storage, Lined earthen basin	sq ft	\$1.20
309	Agrichemical Handling Facility	Liquid Agrichemical Storage, Treated Timber Walls	sq ft	\$6.26
309	Agrichemical Handling Facility	HU-Liquid Agrichemical Storage, Treated Timber Walls	sq ft	\$7.51
313	Waste Storage Facility	Composted Bedded Pack, 6 inch Reinforced Concrete Floor	sq ft	\$7.55
313	Waste Storage Facility	HU-Composted Bedded Pack, 6 inch Reinforced Concrete Floor	sq ft	\$9.06
313	Waste Storage Facility	Concrete Lid Tank, <1,000 Cu Ft Storage	cu ft	\$10.68
313	Waste Storage Facility	HU-Concrete Lid Tank, <1,000 Cu Ft Storage	cu ft	\$12.81
313	Waste Storage Facility	Concrete Lid Tank, >=1,000 Cu Ft Storage	cu ft	\$4.40
313	Waste Storage Facility	HU-Concrete Lid Tank, >=1,000 Cu Ft Storage	cu ft	\$5.27

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313	Waste Storage Facility	Concrete Tank Open Top, <5,000 Cu Ft Storage	cu ft	\$3.73
313	Waste Storage Facility	HU-Concrete Tank Open Top, <5,000 Cu Ft Storage	cu ft	\$4.48
313	Waste Storage Facility	Concrete Tank Open Top, >=110,000 Cu Ft Storage	cu ft	\$0.88
313	Waste Storage Facility	HU-Concrete Tank Open Top, >=110,000 Cu Ft Storage	cu ft	\$1.06
313	Waste Storage Facility	Concrete Tank Open Top, 15,000 - 24,999 Cu Ft Storage	cu ft	\$1.39
313	Waste Storage Facility	HU-Concrete Tank Open Top, 15,000 - 24,999 Cu Ft Storage	cu ft	\$1.67
313	Waste Storage Facility	Concrete Tank Open Top, 25,000 - 49,999 Cu Ft Storage	cu ft	\$1.39
313	Waste Storage Facility	HU-Concrete Tank Open Top, 25,000 - 49,999 Cu Ft Storage	cu ft	\$1.67
313	Waste Storage Facility	Concrete Tank Open Top, 5,000 - 7,499 Cu Ft Storage	cu ft	\$3.47
313	Waste Storage Facility	HU-Concrete Tank Open Top, 5,000 - 7,499 Cu Ft Storage	cu ft	\$4.16
313	Waste Storage Facility	Concrete Tank Open Top, 50,000 - 74,999 Cu Ft Storage	cu ft	\$1.10
313	Waste Storage Facility	HU-Concrete Tank Open Top, 50,000 - 74,999 Cu Ft Storage	cu ft	\$1.32
313	Waste Storage Facility	Concrete Tank Open Top, 7,500 - 14,999 Cu Ft Storage	cu ft	\$2.60
313	Waste Storage Facility	HU-Concrete Tank Open Top, 7,500 - 14,999 Cu Ft Storage	cu ft	\$3.12
313	Waste Storage Facility	Concrete Tank Open Top, 75,000 - 109,999 Cu Ft Storage	cu ft	\$1.00
313	Waste Storage Facility	HU-Concrete Tank Open Top, 75,000 - 109,999 Cu Ft Storage	cu ft	\$1.19
313	Waste Storage Facility	Dry Stack Facility, Concrete Floor with Concrete Side Walls	cu ft	\$1.62
313	Waste Storage Facility	HU-Dry Stack Facility, Concrete Floor with Concrete Side Walls	cu ft	\$1.94
313	Waste Storage Facility	Dry Stack Facility, Concrete Floor with Wood Side Walls	cu ft	\$1.21
313	Waste Storage Facility	HU-Dry Stack Facility, Concrete Floor with Wood Side Walls	cu ft	\$1.45
313	Waste Storage Facility	Earthen Storage Facility	cu ft	\$0.16
313	Waste Storage Facility	HU-Earthen Storage Facility	cu ft	\$0.19
313	Waste Storage Facility	Glass Lined Steel Tank, <25,000 Cu Ft Storage	cu ft	\$4.34
313	Waste Storage Facility	HU-Glass Lined Steel Tank, <25,000 Cu Ft Storage	cu ft	\$5.21
313	Waste Storage Facility	Glass Lined Steel Tank, >=100,000 Cu Ft Storage	cu ft	\$1.33
313	Waste Storage Facility	HU-Glass Lined Steel Tank, >=100,000 Cu Ft Storage	cu ft	\$1.59
313	Waste Storage Facility	Glass Lined Steel Tank, 25,000 - 99,999 Cu Ft Storage	cu ft	\$1.67
313	Waste Storage Facility	HU-Glass Lined Steel Tank, 25,000 - 99,999 Cu Ft Storage	cu ft	\$2.01
314	Brush Management	Heavy Brush Management	ac	\$143.11
314	Brush Management	HU-Heavy Brush Management	ac	\$171.73
314	Brush Management	Light Brush Management	ac	\$36.15

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314	Brush Management	HU-Light Brush Management	ac	\$43.38
314	Brush Management	Medium Brush Management	ac	\$59.63
314	Brush Management	HU-Medium Brush Management	ac	\$71.56
314	Brush Management	Removal of Invasive Woody Understory, Heavy	ac	\$424.14
314	Brush Management	HU-Removal of Invasive Woody Understory, Heavy	ac	\$508.96
314	Brush Management	Removal of Invasive Woody Understory, Light	ac	\$69.43
314	Brush Management	HU-Removal of Invasive Woody Understory, Light	ac	\$83.32
314	Brush Management	Very Heavy Brush Management	ac	\$233.70
314	Brush Management	HU-Very Heavy Brush Management	ac	\$280.44
315	Herbaceous Weed Treatment	Aquatic Areas Weed Control	ac	\$236.70
315	Herbaceous Weed Treatment	HU-Aquatic Areas Weed Control	ac	\$284.04
315	Herbaceous Weed Treatment	Blanket Treatment Multi Pass	ac	\$103.97
315	Herbaceous Weed Treatment	HU-Blanket Treatment Multi Pass	ac	\$124.77
315	Herbaceous Weed Treatment	Blanket Treatment One Pass	ac	\$48.17
315	Herbaceous Weed Treatment	HU-Blanket Treatment One Pass	ac	\$57.80
315	Herbaceous Weed Treatment	Light Spot Treatment	ac	\$23.09
315	Herbaceous Weed Treatment	HU-Light Spot Treatment	ac	\$27.70
315	Herbaceous Weed Treatment	Medium Spot Treatments	ac	\$67.26
315	Herbaceous Weed Treatment	HU-Medium Spot Treatments	ac	\$80.72
315	Herbaceous Weed Treatment	Tree & Shrub Post-planting Weed Control	ac	\$101.85
315	Herbaceous Weed Treatment	HU-Tree & Shrub Post-planting Weed Control	ac	\$122.22
316	Animal Mortality Facility	Large Animal Composter	Lb/Day	\$278.65
316	Animal Mortality Facility	HU-Large Animal Composter	Lb/Day	\$334.38
316	Animal Mortality Facility	Medium - Low Animal Composter	Lb/Day	\$80.10
316	Animal Mortality Facility	HU-Medium - Low Animal Composter	Lb/Day	\$96.12
316	Animal Mortality Facility	Medium- High Animal Composter	Lb/Day	\$191.19
316	Animal Mortality Facility	HU-Medium- High Animal Composter	Lb/Day	\$229.42
316	Animal Mortality Facility	Small Animal Composter	Lb/Day	\$19.99
316	Animal Mortality Facility	HU-Small Animal Composter	Lb/Day	\$23.99
317	Composting Facility	Compacted Gravel Pad, 8 inch compacted gravel	sq ft	\$0.91
317	Composting Facility	HU-Compacted Gravel Pad, 8 inch compacted gravel	sq ft	\$1.09



Code	Practice	Component	Units	Unit Cost
317	Composting Facility	Concrete Pad	sq ft	\$3.54
317	Composting Facility	HU-Concrete Pad	sq ft	\$4.25
317	Composting Facility	Concrete Slab Under Concrete Bin Dividers	cu ft	\$1.74
317	Composting Facility	HU-Concrete Slab Under Concrete Bin Dividers	cu ft	\$2.09
317	Composting Facility	Concrete Slab Under Wood Bin Dividers	cu ft	\$1.22
317	Composting Facility	HU-Concrete Slab Under Wood Bin Dividers	cu ft	\$1.46
319	On-Farm Secondary Containment Facility	Concrete Containment Wall	CuYd	\$763.66
319	On-Farm Secondary Containment Facility	HU-Concrete Containment Wall	CuYd	\$916.39
319	On-Farm Secondary Containment Facility	Corrugated Metal Wall Containment	sq ft	\$20.91
319	On-Farm Secondary Containment Facility	HU-Corrugated Metal Wall Containment	sq ft	\$25.09
319	On-Farm Secondary Containment Facility	Double Wall Tank	gal	\$0.99
319	On-Farm Secondary Containment Facility	HU-Double Wall Tank	gal	\$1.19
325	High Tunnel System	High Tunnel System, Gothic Style	sq ft	\$3.92
325	High Tunnel System	HU-High Tunnel System, Gothic Style	sq ft	\$4.70
327	Conservation Cover	Introduced Species	ac	\$116.13
327	Conservation Cover	HU-Introduced Species	ac	\$139.36
327	Conservation Cover	Introduced with Forgone Income	ac	\$518.56
327	Conservation Cover	HU-Introduced with Forgone Income	ac	\$537.84
327	Conservation Cover	Monarch Species Mix	ac	\$1,109.02
327	Conservation Cover	HU-Monarch Species Mix	ac	\$1,330.83
327	Conservation Cover	Monarch Species Mix - Interseeding	ac	\$382.98
327	Conservation Cover	HU-Monarch Species Mix - Interseeding	ac	\$459.57
327	Conservation Cover	Native Species	ac	\$138.26
327	Conservation Cover	HU-Native Species	ac	\$165.92
327	Conservation Cover	Native Species with Forgone Income	ac	\$560.40
327	Conservation Cover	HU-Native Species with Forgone Income	ac	\$588.06
327	Conservation Cover	Pollinator Species	ac	\$783.83
327	Conservation Cover	HU-Pollinator Species	ac	\$940.60
327	Conservation Cover	Pollinator Species with Forgone Income	ac	\$1,205.97
327	Conservation Cover	HU-Pollinator Species with Forgone Income	ac	\$1,362.74
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	ac	\$9.24

Code	Practice	Component	Units	Unit Cost
328	Conservation Crop Rotation	HU-Basic Rotation Organic and Non-Organic	ac	\$11.09
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	ac	\$24.64
328	Conservation Crop Rotation	HU-Specialty Crops Organic and Non-Organic	ac	\$29.56
329	Residue and Tillage Management, No-Till	No Till Adaptive Management	Ea	\$2,506.24
329	Residue and Tillage Management, No-Till	HU-No Till Adaptive Management	Ea	\$3,007.49
329	Residue and Tillage Management, No-Till	No-Till/Strip-Till	ac	\$14.65
329	Residue and Tillage Management, No-Till	HU-No-Till/Strip-Till	ac	\$17.57
333	Amending Soil Properties with Gypsum Products	Gypsum less than 1 ton per acre	ac	\$27.85
333	Amending Soil Properties with Gypsum Products	HU-Gypsum less than 1 ton per acre	ac	\$33.42
334	Controlled Traffic Farming	Controlled Traffic	ac	\$42.95
334	Controlled Traffic Farming	HU-Controlled Traffic	ac	\$51.54
338	Prescribed Burning	Grassland, > 10 acres	ac	\$23.42
338	Prescribed Burning	HU-Grassland, > 10 acres	ac	\$28.10
338	Prescribed Burning	Grassland, Small acreage (<=10 acres)	ac	\$29.06
338	Prescribed Burning	HU-Grassland, Small acreage (<=10 acres)	ac	\$34.87
340	Cover Crop	Cover Crop - Adaptive Management	Ea	\$1,925.29
340	Cover Crop	HU-Cover Crop - Adaptive Management	Ea	\$2,310.35
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	ac	\$62.62
340	Cover Crop	HU-Cover Crop - Basic (Organic and Non-organic)	ac	\$75.14
340	Cover Crop	Winter Kill Cover Crop Species	ac	\$35.70
340	Cover Crop	HU-Winter Kill Cover Crop Species	ac	\$42.84
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	ac	\$426.17
342	Critical Area Planting	HU-Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	ac	\$511.40
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	ac	\$135.79
342	Critical Area Planting	HU-Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	ac	\$162.94
342	Critical Area Planting	Small Area Disturbance	kSqFt	\$4.02
342	Critical Area Planting	HU-Small Area Disturbance	kSqFt	\$4.82
345	Residue and Tillage Management, Reduced Till	Mulch till-Adaptive Management	Ea	\$2,983.70
345	Residue and Tillage Management, Reduced Till	HU-Mulch till-Adaptive Management	Ea	\$3,580.44
345	Residue and Tillage Management, Reduced Till	Residue and Tillage Management, Reduced Till	ac	\$15.56
345	Residue and Tillage Management, Reduced Till	HU-Residue and Tillage Management, Reduced Till	ac	\$18.67

Code	Practice	Component	Units	Unit Cost
350	Sediment Basin	Embankment earthen basin with no pipe	CuYd	\$4.05
350	Sediment Basin	HU-Embankment earthen basin with no pipe	CuYd	\$4.86
350	Sediment Basin	Embankment earthen basin with pipe	CuYd	\$5.43
350	Sediment Basin	HU-Embankment earthen basin with pipe	CuYd	\$6.52
350	Sediment Basin	Excavated Basin	CuYd	\$1.86
350	Sediment Basin	HU-Excavated Basin	CuYd	\$2.24
351	Well Decommissioning	Drilled <=100 ft	Ea	\$747.98
351	Well Decommissioning	HU-Drilled <=100 ft	Ea	\$897.58
351	Well Decommissioning	Drilled >100ft	ft	\$5.40
351	Well Decommissioning	HU-Drilled >100ft	ft	\$6.47
351	Well Decommissioning	Hand Dug	ft	\$45.98
351	Well Decommissioning	HU-Hand Dug	ft	\$55.18
355	Groundwater Testing	Basic Water Test	Ea	\$41.88
355	Groundwater Testing	HU-Basic Water Test	Ea	\$50.25
355	Groundwater Testing	Full Spectrum Test	Ea	\$208.45
355	Groundwater Testing	HU-Full Spectrum Test	Ea	\$250.14
355	Groundwater Testing	Specialty Water Test	Ea	\$171.22
355	Groundwater Testing	HU-Specialty Water Test	Ea	\$205.46
356	Dike	Dike	CuYd	\$3.83
356	Dike	HU-Dike	CuYd	\$4.60
356	Dike	Dike with 1&2 Stone	CuYd	\$5.71
356	Dike	HU-Dike with 1&2 Stone	CuYd	\$6.85
356	Dike	Dike with Core Trench	CuYd	\$5.05
356	Dike	HU-Dike with Core Trench	CuYd	\$6.06
356	Dike	Dike with Rip Rap	CuYd	\$6.86
356	Dike	HU-Dike with Rip Rap	CuYd	\$8.23
359	Waste Treatment Lagoon	Waste Treatment Lagoon	cu ft	\$0.12
359	Waste Treatment Lagoon	HU-Waste Treatment Lagoon	cu ft	\$0.14
360	Waste Facility Closure	Demolition of Concrete Waste Storage Structure, Walls <= 6 Foot	sq ft	\$3.69
360	Waste Facility Closure	HU-Demolition of Concrete Waste Storage Structure, Walls <= 6 Foot	sq ft	\$4.43
360	Waste Facility Closure	Demolition of Concrete Waste Storage Structure, Walls >6 ft	sq ft	\$1.77

Code	Practice	Component	Units	Unit Cost
360	Waste Facility Closure	HU-Demolition of Concrete Waste Storage Structure, Walls >6 ft	sq ft	\$2.12
360	Waste Facility Closure	Earthen Basin Closure no Sludge Removal	cu ft	\$0.18
360	Waste Facility Closure	HU-Earthen Basin Closure no Sludge Removal	cu ft	\$0.21
360	Waste Facility Closure	Earthen Basin Closure with Sludge Removal	cu ft	\$0.76
360	Waste Facility Closure	HU-Earthen Basin Closure with Sludge Removal	cu ft	\$0.91
362	Diversion	Large, >=3 CY/FT	ft	\$7.38
362	Diversion	HU-Large, >=3 CY/FT	ft	\$8.86
362	Diversion	Medium, 2 - 2.9 CY/FT	ft	\$5.45
362	Diversion	HU-Medium, 2 - 2.9 CY/FT	ft	\$6.54
362	Diversion	Small, <2 CY/FT	ft	\$2.54
362	Diversion	HU-Small, <2 CY/FT	ft	\$3.05
366	Anaerobic Digester	Covered Lagoon/Holding Pond	ani unt	\$82.78
366	Anaerobic Digester	HU-Covered Lagoon/Holding Pond	ani unt	\$99.34
366	Anaerobic Digester	Large Complete Mix >2,000 AU	ani unt	\$358.31
366	Anaerobic Digester	HU-Large Complete Mix >2,000 AU	ani unt	\$429.97
366	Anaerobic Digester	Large Plug Flow >2000 AU	ani unt	\$667.60
366	Anaerobic Digester	HU-Large Plug Flow >2000 AU	ani unt	\$801.12
366	Anaerobic Digester	Medium Complete Mix 1000-2000 AU	ani unt	\$525.67
366	Anaerobic Digester	HU-Medium Complete Mix 1000-2000 AU	ani unt	\$630.81
366	Anaerobic Digester	Medium Plug Flow 1000-2000 AU	ani unt	\$786.11
366	Anaerobic Digester	HU-Medium Plug Flow 1000-2000 AU	ani unt	\$943.33
366	Anaerobic Digester	Small Complete Mix <1000 AU	ani unt	\$548.15
366	Anaerobic Digester	HU-Small Complete Mix <1000 AU	ani unt	\$657.78
366	Anaerobic Digester	Small Plug Flow <1000 AU	ani unt	\$1,008.08
366	Anaerobic Digester	HU-Small Plug Flow <1000 AU	ani unt	\$1,209.70
367	Roofs and Covers	Flexible Membrane Cover	sq ft	\$3.92
367	Roofs and Covers	HU-Flexible Membrane Cover	sq ft	\$4.70
367	Roofs and Covers	Flexible Membrane Cover with gas collection	sq ft	\$7.03
367	Roofs and Covers	HU-Flexible Membrane Cover with gas collection	sq ft	\$8.43
367	Roofs and Covers	Modular Floating Cover	sq ft	\$5.01
367	Roofs and Covers	HU-Modular Floating Cover	sq ft	\$6.02

Code	Practice	Component	Units	Unit Cost
367	Roofs and Covers	Roof structure with foundation	sq ft	\$7.79
367	Roofs and Covers	HU-Roof structure with foundation	sq ft	\$9.35
367	Roofs and Covers	Roof Structure, 33 feet to 60 feet Wide	sq ft	\$6.49
367	Roofs and Covers	HU-Roof Structure, 33 feet to 60 feet Wide	sq ft	\$7.79
367	Roofs and Covers	Roof Structure, less than 33 feet Wide	sq ft	\$7.01
367	Roofs and Covers	HU-Roof Structure, less than 33 feet Wide	sq ft	\$8.41
367	Roofs and Covers	Roof Structure, more than 60 feet Wide	sq ft	\$3.76
367	Roofs and Covers	HU-Roof Structure, more than 60 feet Wide	sq ft	\$4.51
368	Emergency Animal Mortality Management	Burial	ani unt	\$72.71
368	Emergency Animal Mortality Management	HU-Burial	ani unt	\$87.26
368	Emergency Animal Mortality Management	In-House Composting	ani unt	\$49.49
368	Emergency Animal Mortality Management	HU-In-House Composting	ani unt	\$59.39
371	Air Filtration and Scrubbing	Single Pit Fan Biofilter	Ea	\$10,312.74
371	Air Filtration and Scrubbing	HU-Single Pit Fan Biofilter	Ea	\$12,375.29
374	FARMSTEAD ENERGY IMPROVEMENT	Controller - Multi-Function, Multiple Environmental Condition	Ea	\$2,639.15
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Controller - Multi-Function, Multiple Environmental Condition	Ea	\$3,166.98
374	FARMSTEAD ENERGY IMPROVEMENT	Controller - Multi-Function, Single Environmental Condition	Ea	\$970.71
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Controller - Multi-Function, Single Environmental Condition	Ea	\$1,164.85
374	FARMSTEAD ENERGY IMPROVEMENT	Controller - Single Function	Ea	\$103.43
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Controller - Single Function	Ea	\$124.12
374	FARMSTEAD ENERGY IMPROVEMENT	Controller - Variable Speed Drive for <=1 HP Motor	HP	\$652.16
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Controller - Variable Speed Drive for <=1 HP Motor	HP	\$782.59
374	FARMSTEAD ENERGY IMPROVEMENT	Controller - Variable Speed Drive for >= 50 HP Motor	HP	\$102.08
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Controller - Variable Speed Drive for >= 50 HP Motor	HP	\$122.50
374	FARMSTEAD ENERGY IMPROVEMENT	Controller - Variable Speed Drive for >1 to <10 HP Motor	HP	\$515.27
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Controller - Variable Speed Drive for >1 to <10 HP Motor	HP	\$618.32
374	FARMSTEAD ENERGY IMPROVEMENT	Controller - Variable Speed Drive for 10 to <50 HP Motor	HP	\$296.31
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Controller - Variable Speed Drive for 10 to <50 HP Motor	HP	\$355.57
374	FARMSTEAD ENERGY IMPROVEMENT	Heating - Attic Heat Recovery Vents	Ea	\$127.68
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Heating - Attic Heat Recovery Vents	Ea	\$153.22
374	FARMSTEAD ENERGY IMPROVEMENT	Heating - Building	kBTU/Hr	\$9.90

Code	Practice	Component	Units	Unit Cost
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Heating - Building	kBTU/Hr	\$11.88
374	FARMSTEAD ENERGY IMPROVEMENT	Heating - Radiant Systems	kBTU/Hr	\$9.64
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Heating - Radiant Systems	kBTU/Hr	\$11.57
374	FARMSTEAD ENERGY IMPROVEMENT	Refrigeration - Compressor Heat Recovery System	Ea	\$2,990.20
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Refrigeration - Compressor Heat Recovery System	Ea	\$3,588.24
374	FARMSTEAD ENERGY IMPROVEMENT	Refrigeration - Plate Cooler	Ea	\$3,976.58
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Refrigeration - Plate Cooler	Ea	\$4,771.89
374	FARMSTEAD ENERGY IMPROVEMENT	Refrigeration - Scroll Compressor	HP	\$665.33
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Refrigeration - Scroll Compressor	HP	\$798.40
374	FARMSTEAD ENERGY IMPROVEMENT	Ventilation - Cool Cell, Evaporative Cooling System	sq ft	\$22.55
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Ventilation - Cool Cell, Evaporative Cooling System	sq ft	\$27.07
374	FARMSTEAD ENERGY IMPROVEMENT	Ventilation - Exhaust	Ea	\$1,079.23
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Ventilation - Exhaust	Ea	\$1,295.08
374	FARMSTEAD ENERGY IMPROVEMENT	Ventilation - Horizontal Air Flow/Stir Fan	Ea	\$172.83
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Ventilation - Horizontal Air Flow/Stir Fan	Ea	\$207.39
378	Pond	Embankment, >12in Pipe	CuYd	\$3.52
378	Pond	HU-Embankment, >12in Pipe	CuYd	\$4.22
378	Pond	Embankment, 4in-6in Pipe	CuYd	\$3.19
378	Pond	HU-Embankment, 4in-6in Pipe	CuYd	\$3.82
378	Pond	Embankment, 8in-12in Pipe	CuYd	\$3.34
378	Pond	HU-Embankment, 8in-12in Pipe	CuYd	\$4.01
378	Pond	Embankment, Tile Conduit	CuYd	\$2.43
378	Pond	HU-Embankment, Tile Conduit	CuYd	\$2.92
378	Pond	Excavated Pit	CuYd	\$1.53
378	Pond	HU-Excavated Pit	CuYd	\$1.84
380	Windbreak/Shelterbelt Establishment	1 row windbreak, bareroot shrubs	ft	\$0.45
380	Windbreak/Shelterbelt Establishment	HU-1 row windbreak, bareroot shrubs	ft	\$0.50
380	Windbreak/Shelterbelt Establishment	1 row windbreak, bareroot trees	ft	\$0.33
380	Windbreak/Shelterbelt Establishment	HU-1 row windbreak, bareroot trees	ft	\$0.36
380	Windbreak/Shelterbelt Establishment	1 row windbreak, container shrubs 2 gallon and larger	ft	\$2.08
380	Windbreak/Shelterbelt Establishment	HU-1 row windbreak, container shrubs 2 gallon and larger	ft	\$2.45

Code	Practice	Component	Units	Unit Cost
382	Fence	Permanent Barbed Wire Multi Strand	ft	\$1.57
382	Fence	HU-Permanent Barbed Wire Multi Strand	ft	\$1.89
382	Fence	Permanent High Tensile Electric 2-3 Strand	ft	\$1.14
382	Fence	HU-Permanent High Tensile Electric 2-3 Strand	ft	\$1.37
382	Fence	Permanent High Tensile Electric Single Strand	ft	\$0.78
382	Fence	HU-Permanent High Tensile Electric Single Strand	ft	\$0.93
382	Fence	Permanent High Tensile, Minimum 4 Strand, Double H bracing	ft	\$1.74
382	Fence	HU-Permanent High Tensile, Minimum 4 Strand, Double H bracing	ft	\$2.08
382	Fence	Permanent High Tensile, Minimum 4 Strand, Single H brace	ft	\$1.39
382	Fence	HU-Permanent High Tensile, Minimum 4 Strand, Single H brace	ft	\$1.67
382	Fence	Permanent Wildlife Exclusion	ft	\$5.44
382	Fence	HU-Permanent Wildlife Exclusion	ft	\$6.53
382	Fence	Permanent Woven Wire	ft	\$1.92
382	Fence	HU-Permanent Woven Wire	ft	\$2.31
382	Fence	Safety	ft	\$4.00
382	Fence	HU-Safety	ft	\$4.80
386	Field Border	Field Border, Introduced Species	ac	\$63.04
386	Field Border	HU-Field Border, Introduced Species	ac	\$75.64
386	Field Border	Field Border, Introduced Species, Forgone Income	ac	\$398.69
386	Field Border	HU-Field Border, Introduced Species, Forgone Income	ac	\$411.30
386	Field Border	Field Border, Native Species	ac	\$91.23
386	Field Border	HU-Field Border, Native Species	ac	\$109.48
386	Field Border	Field Border, Native Species, Forgone Income	ac	\$513.37
386	Field Border	HU-Field Border, Native Species, Forgone Income	ac	\$531.62
386	Field Border	Field Border, Pollinator	ac	\$753.91
386	Field Border	HU-Field Border, Pollinator	ac	\$904.69
386	Field Border	Field Border, Pollinator, Forgone Income	ac	\$1,176.05
386	Field Border	HU-Field Border, Pollinator, Forgone Income	ac	\$1,326.83
390	Riparian Herbaceous Cover	Native Grass	ac	\$629.39
390	Riparian Herbaceous Cover	HU-Native Grass	ac	\$670.84
390	Riparian Herbaceous Cover	Pollinator	ac	\$591.05

Code	Practice	Component	Units	Unit Cost
390	Riparian Herbaceous Cover	HU-Pollinator	ac	\$624.84
390	Riparian Herbaceous Cover	Prairie Cordgrass Restoration	ac	\$922.31
390	Riparian Herbaceous Cover	HU-Prairie Cordgrass Restoration	ac	\$1,022.34
391	Riparian Forest Buffer	Bareroot shrubs, each	Ea	\$1.04
391	Riparian Forest Buffer	HU-Bareroot shrubs, each	Ea	\$1.18
391	Riparian Forest Buffer	Bareroot trees, each	Ea	\$1.56
391	Riparian Forest Buffer	HU-Bareroot trees, each	Ea	\$1.68
391	Riparian Forest Buffer	Container Trees and Shrubs 2 gallon and larger, Each	Ea	\$16.44
391	Riparian Forest Buffer	HU-Container Trees and Shrubs 2 gallon and larger, Each	Ea	\$18.04
391	Riparian Forest Buffer	Direct Seeding	ac	\$695.28
391	Riparian Forest Buffer	HU-Direct Seeding	ac	\$749.90
393	Filter Strip	Filter Strip, Introduced species	ac	\$127.24
393	Filter Strip	HU-Filter Strip, Introduced species	ac	\$152.68
393	Filter Strip	Filter Strip, Introduced species, Forgone Income	ac	\$549.37
393	Filter Strip	HU-Filter Strip, Introduced species, Forgone Income	ac	\$574.82
393	Filter Strip	Filter Strip, Native species	ac	\$122.13
393	Filter Strip	HU-Filter Strip, Native species	ac	\$146.56
393	Filter Strip	Filter Strip, Native species, Forgone Income	ac	\$561.38
393	Filter Strip	HU-Filter Strip, Native species, Forgone Income	ac	\$589.23
394	Firebreak	Constructed - Light Equipment	ft	\$0.04
394	Firebreak	HU-Constructed - Light Equipment	ft	\$0.05
394	Firebreak	Vegetated permanent firebreak	ft	\$0.12
394	Firebreak	HU-Vegetated permanent firebreak	ft	\$0.14
396	Aquatic Organism Passage	Culvert Replacement	Ea	\$4,136.43
396	Aquatic Organism Passage	HU-Culvert Replacement	Ea	\$4,963.71
410	Grade Stabilization Structure	Concrete Block Chute	sq ft	\$7.63
410	Grade Stabilization Structure	HU-Concrete Block Chute	sq ft	\$9.15
410	Grade Stabilization Structure	Concrete Drop Box with PVC outlet pipe	ft	\$45.50
410	Grade Stabilization Structure	HU-Concrete Drop Box with PVC outlet pipe	ft	\$54.60
410	Grade Stabilization Structure	Concrete Drop Structure	CuYd	\$627.02
410	Grade Stabilization Structure	HU-Concrete Drop Structure	CuYd	\$752.42



Code	Practice	Component	Units	Unit Cost
410	Grade Stabilization Structure	Embankment >12in	CuYd	\$3.51
410	Grade Stabilization Structure	HU-Embankment >12in	CuYd	\$4.21
410	Grade Stabilization Structure	Embankment 4in-6in Pipe	CuYd	\$3.18
410	Grade Stabilization Structure	HU-Embankment 4in-6in Pipe	CuYd	\$3.81
410	Grade Stabilization Structure	Embankment 8in-12in Pipe	CuYd	\$3.34
410	Grade Stabilization Structure	HU-Embankment 8in-12in Pipe	CuYd	\$4.00
410	Grade Stabilization Structure	Embankment Tile Conduit	CuYd	\$2.43
410	Grade Stabilization Structure	HU-Embankment Tile Conduit	CuYd	\$2.92
410	Grade Stabilization Structure	Full Flow Straight Pipe	DiaInFt	\$4.33
410	Grade Stabilization Structure	HU-Full Flow Straight Pipe	DiaInFt	\$5.20
410	Grade Stabilization Structure	Gabion Chute	CuYd	\$229.52
410	Grade Stabilization Structure	HU-Gabion Chute	CuYd	\$275.42
410	Grade Stabilization Structure	Geotextile Reinforced Vegetated Outlet	sq ft	\$2.04
410	Grade Stabilization Structure	HU-Geotextile Reinforced Vegetated Outlet	sq ft	\$2.45
410	Grade Stabilization Structure	Grouted Rock Rip Rap Chute	CuYd	\$76.78
410	Grade Stabilization Structure	HU-Grouted Rock Rip Rap Chute	CuYd	\$92.14
410	Grade Stabilization Structure	Open Flow Drop Spillway	sq ft	\$110.01
410	Grade Stabilization Structure	HU-Open Flow Drop Spillway	sq ft	\$132.02
410	Grade Stabilization Structure	Open Flow Drop Spillway-High overfall or sheet pile	sq ft	\$183.78
410	Grade Stabilization Structure	HU-Open Flow Drop Spillway-High overfall or sheet pile	sq ft	\$220.53
410	Grade Stabilization Structure	Pipe Drop, Smooth Steel or CMP	sq ft	\$10.49
410	Grade Stabilization Structure	HU-Pipe Drop, Smooth Steel or CMP	sq ft	\$12.59
410	Grade Stabilization Structure	Rock Rip Rap Chute	CuYd	\$53.11
410	Grade Stabilization Structure	HU-Rock Rip Rap Chute	CuYd	\$63.74
410	Grade Stabilization Structure	Side Inlet	ft	\$51.32
410	Grade Stabilization Structure	HU-Side Inlet	ft	\$61.58
410	Grade Stabilization Structure	Treated Wood Drop Structure	sq ft	\$29.85
410	Grade Stabilization Structure	HU-Treated Wood Drop Structure	sq ft	\$35.82
412	Grassed Waterway	<35 foot top width	ac	\$2,421.59
412	Grassed Waterway	HU-<35 foot top width	ac	\$2,821.48
412	Grassed Waterway	<35 foot top width with checks	ac	\$3,160.43

Code	Practice	Component	Units	Unit Cost
412	Grassed Waterway	HU-<35 foot top width with checks	ac	\$3,708.09
412	Grassed Waterway	>55 foot top width	ac	\$3,075.68
412	Grassed Waterway	HU->55 foot top width	ac	\$3,606.38
412	Grassed Waterway	>55 foot top width with checks	ac	\$3,863.64
412	Grassed Waterway	HU->55 foot top width with checks	ac	\$4,551.94
412	Grassed Waterway	35-55 foot top width	ac	\$2,555.51
412	Grassed Waterway	HU-35-55 foot top width	ac	\$2,982.19
412	Grassed Waterway	35-55 foot top width with checks	ac	\$3,390.66
412	Grassed Waterway	HU-35-55 foot top width with checks	ac	\$3,984.37
422	Hedgerow Planting	1 row hedgerow, bareroot shrub seedling planting stock	ft	\$0.39
422	Hedgerow Planting	HU-1 row hedgerow, bareroot shrub seedling planting stock	ft	\$0.43
422	Hedgerow Planting	1 row hedgerow, bareroot tree seedling planting stock	ft	\$0.30
422	Hedgerow Planting	HU-1 row hedgerow, bareroot tree seedling planting stock	ft	\$0.32
430	Irrigation Pipeline	Microirrigation Pipeline	ft	\$2.32
430	Irrigation Pipeline	HU-Microirrigation Pipeline	ft	\$2.79
441	Irrigation System, Microirrigation	Potted Plant or Nursery Microirrigation System	sq ft	\$0.22
441	Irrigation System, Microirrigation	HU-Potted Plant or Nursery Microirrigation System	sq ft	\$0.26
441	Irrigation System, Microirrigation	Seasonal High Tunnel Microirrigation System	Ea	\$261.08
441	Irrigation System, Microirrigation	HU-Seasonal High Tunnel Microirrigation System	Ea	\$313.30
441	Irrigation System, Microirrigation	Specialty Crop Microirrigation System	ac	\$1,494.04
441	Irrigation System, Microirrigation	HU-Specialty Crop Microirrigation System	ac	\$1,792.85
441	Irrigation System, Microirrigation	Trees and Shrubs Microirrigation System	ft	\$0.36
441	Irrigation System, Microirrigation	HU-Trees and Shrubs Microirrigation System	ft	\$0.43
449	Irrigation Water Management	Advanced IWM	ac	\$13.96
449	Irrigation Water Management	HU-Advanced IWM	ac	\$16.75
449	Irrigation Water Management	IWM for microirrigation systems and specialty crops	ac	\$44.36
449	Irrigation Water Management	HU-IWM for microirrigation systems and specialty crops	ac	\$53.24
449	Irrigation Water Management	IWM for row crops	ac	\$8.95
449	Irrigation Water Management	HU-IWM for row crops	ac	\$10.74
449	Irrigation Water Management	IWM for Seasonal High Tunnels	Ea	\$332.73
449	Irrigation Water Management	HU-IWM for Seasonal High Tunnels	Ea	\$399.27

Code	Practice	Component	Units	Unit Cost
449	Irrigation Water Management	Soil Moisture Sensors	Ea	\$964.23
449	Irrigation Water Management	HU-Soil Moisture Sensors	Ea	\$1,157.07
449	Irrigation Water Management	Soil Moisture Sensors with Data Recorder	Ea	\$1,439.73
449	Irrigation Water Management	HU-Soil Moisture Sensors with Data Recorder	Ea	\$1,727.68
460	Land Clearing	Non-Heavy Equipment	ac	\$526.70
460	Land Clearing	HU-Non-Heavy Equipment	ac	\$632.04
468	Lined Waterway or Outlet	Rock Lined - 12in	sq ft	\$2.41
468	Lined Waterway or Outlet	HU-Rock Lined - 12in	sq ft	\$2.89
468	Lined Waterway or Outlet	Rock Lined - 24in	sq ft	\$5.35
468	Lined Waterway or Outlet	HU-Rock Lined - 24in	sq ft	\$6.42
472	Access Control	Animal exclusion from sensitive areas	ac	\$44.86
472	Access Control	HU-Animal exclusion from sensitive areas	ac	\$45.02
484	Mulching	Erosion Control Blanket for Endangered Species, Vegetation Establishment	ac	\$7,111.79
484	Mulching	HU-Erosion Control Blanket for Endangered Species, Vegetation Establishment	ac	\$8,534.14
484	Mulching	Erosion Control Blanket, Vegetation Establishment	ac	\$5,920.10
484	Mulching	HU-Erosion Control Blanket, Vegetation Establishment	ac	\$7,104.12
484	Mulching	Natural Material, Soil Moisture Management	ac	\$322.50
484	Mulching	HU-Natural Material, Soil Moisture Management	ac	\$387.00
484	Mulching	Natural Material, Soil Moisture Management, Seasonal High Tunnel	Ea	\$28.49
484	Mulching	HU-Natural Material, Soil Moisture Management, Seasonal High Tunnel	Ea	\$34.18
484	Mulching	Natural Material, Vegetation Establishment	ac	\$244.73
484	Mulching	HU-Natural Material, Vegetation Establishment	ac	\$293.67
484	Mulching	Synthetic Material, Soil Moisture Management	ac	\$1,311.97
484	Mulching	HU-Synthetic Material, Soil Moisture Management	ac	\$1,574.37
484	Mulching	Synthetic Material, Soil Moisture Management, Seasonal High Tunnel	Ea	\$58.17
484	Mulching	HU-Synthetic Material, Soil Moisture Management, Seasonal High Tunnel	Ea	\$69.80
484	Mulching	Tree and Shrub, Individual Treatment, Soil Moisture Management	Ea	\$1.94
484	Mulching	HU-Tree and Shrub, Individual Treatment, Soil Moisture Management	Ea	\$2.33
490	Tree/Shrub Site Preparation	Chemical Application	ac	\$64.57
490	Tree/Shrub Site Preparation	HU-Chemical Application	ac	\$77.48
490	Tree/Shrub Site Preparation	Heavy Mechanical with Chemical	ac	\$369.74

Code	Practice	Component	Units	Unit Cost
490	Tree/Shrub Site Preparation	HU-Heavy Mechanical with Chemical	ac	\$443.69
490	Tree/Shrub Site Preparation	Light Mechanical	ac	\$89.73
490	Tree/Shrub Site Preparation	HU-Light Mechanical	ac	\$107.68
490	Tree/Shrub Site Preparation	Light Mechanical with Chemical	ac	\$154.30
490	Tree/Shrub Site Preparation	HU-Light Mechanical with Chemical	ac	\$185.16
490	Tree/Shrub Site Preparation	Spray, Cross Rip ARRI	ac	\$458.45
490	Tree/Shrub Site Preparation	HU-Spray, Cross Rip ARRI	ac	\$550.14
500	Obstruction Removal	Removal and Disposal of Concrete Slab	sq ft	\$0.58
500	Obstruction Removal	HU-Removal and Disposal of Concrete Slab	sq ft	\$0.70
500	Obstruction Removal	Removal and Disposal of Fence, Feedlot	ft	\$2.24
500	Obstruction Removal	HU-Removal and Disposal of Fence, Feedlot	ft	\$2.69
511	Forage Harvest Management	Improved Forage Quality	ac	\$3.75
511	Forage Harvest Management	HU-Improved Forage Quality	ac	\$4.50
511	Forage Harvest Management	Perennial Crops - Delayed Mowing	ac	\$4.60
511	Forage Harvest Management	HU-Perennial Crops - Delayed Mowing	ac	\$5.35
511	Forage Harvest Management	Preemptive Harvest	ac	\$3.75
511	Forage Harvest Management	HU-Preemptive Harvest	ac	\$4.50
512	Forage and Biomass Planting	Interseed Legumes and/or forbs Organic	ac	\$124.22
512	Forage and Biomass Planting	HU-Interseed Legumes and/or forbs Organic	ac	\$149.06
512	Forage and Biomass Planting	Interseeding Legumes and/or forbs	ac	\$129.97
512	Forage and Biomass Planting	HU-Interseeding Legumes and/or forbs	ac	\$155.96
512	Forage and Biomass Planting	Introduced Grass Establishment or Renovation	ac	\$181.86
512	Forage and Biomass Planting	HU-Introduced Grass Establishment or Renovation	ac	\$209.58
512	Forage and Biomass Planting	Introduced Grass Establishment or Renovation Organic	ac	\$192.61
512	Forage and Biomass Planting	HU-Introduced Grass Establishment or Renovation Organic	ac	\$221.19
512	Forage and Biomass Planting	Native Grass Establishment or Renovation - no fertility	ac	\$314.49
512	Forage and Biomass Planting	HU-Native Grass Establishment or Renovation - no fertility	ac	\$360.09
512	Forage and Biomass Planting	Native Grass Establishment or Renovation - no fertility Organic	ac	\$325.07
512	Forage and Biomass Planting	HU-Native Grass Establishment or Renovation - no fertility Organic	ac	\$370.19
512	Forage and Biomass Planting	Native Grass Establishment or Renovation - with fertility	ac	\$349.30
512	Forage and Biomass Planting	HU-Native Grass Establishment or Renovation - with fertility	ac	\$401.87

Code	Practice	Component	Units	Unit Cost
512	Forage and Biomass Planting	Native Grass Establishment or Renovation - with fertility Organic	ac	\$355.65
512	Forage and Biomass Planting	HU-Native Grass Establishment or Renovation - with fertility Organic	ac	\$406.89
512	Forage and Biomass Planting	Pasture Renovation Utilizing Interim Seeding	ac	\$255.19
512	Forage and Biomass Planting	HU-Pasture Renovation Utilizing Interim Seeding	ac	\$297.58
516	Livestock Pipeline	Above Ground Pipeline	ft	\$0.82
516	Livestock Pipeline	HU-Above Ground Pipeline	ft	\$0.98
516	Livestock Pipeline	Bedded Pipeline	ft	\$3.25
516	Livestock Pipeline	HU-Bedded Pipeline	ft	\$3.90
516	Livestock Pipeline	Buried Pipeline, < 2in Plastic	ft	\$1.83
516	Livestock Pipeline	HU-Buried Pipeline, < 2in Plastic	ft	\$2.20
516	Livestock Pipeline	Buried Pipeline, >3in	ft	\$4.78
516	Livestock Pipeline	HU-Buried Pipeline, >3in	ft	\$5.74
516	Livestock Pipeline	Buried Pipeline, 2in - 3in Plastic	ft	\$2.70
516	Livestock Pipeline	HU-Buried Pipeline, 2in - 3in Plastic	ft	\$3.24
516	Livestock Pipeline	Cased Pipeline with Boring	ft	\$75.97
516	Livestock Pipeline	HU-Cased Pipeline with Boring	ft	\$91.16
520	Pond Sealing or Lining, Compacted Soil Treatment	Compacted Earth Liner with Soil Cover	CuYd	\$7.43
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Compacted Earth Liner with Soil Cover	CuYd	\$8.91
521A	Pond Sealing or Lining, Flexible Membrane	Flexible Membrane - Covered with liner drainage or venting	SqYd	\$11.90
521A	Pond Sealing or Lining, Flexible Membrane	HU-Flexible Membrane - Covered with liner drainage or venting	SqYd	\$14.28
521A	Pond Sealing or Lining, Flexible Membrane	Flexible Membrane - Covered without liner drainage or venting	SqYd	\$9.41
521A	Pond Sealing or Lining, Flexible Membrane	HU-Flexible Membrane - Covered without liner drainage or venting	SqYd	\$11.29
521A	Pond Sealing or Lining, Flexible Membrane	Flexible Membrane - Uncovered with liner drainage or venting	SqYd	\$10.81
521A	Pond Sealing or Lining, Flexible Membrane	HU-Flexible Membrane - Uncovered with liner drainage or venting	SqYd	\$12.98
521A	Pond Sealing or Lining, Flexible Membrane	Flexible Membrane - Uncovered without liner drainage or venting	SqYd	\$8.32
521A	Pond Sealing or Lining, Flexible Membrane	HU-Flexible Membrane - Uncovered without liner drainage or venting	SqYd	\$9.99
522	Pond Sealing or Lining, Concrete	Reinforced concrete liner	sq ft	\$4.67
522	Pond Sealing or Lining, Concrete	HU-Reinforced concrete liner	sq ft	\$5.61
528	Prescribed Grazing	Biological Control with Grazing Animals	ac	\$635.38
528	Prescribed Grazing	HU-Biological Control with Grazing Animals	ac	\$762.45
528	Prescribed Grazing	Deferment, 90 - 209 days	ac	\$54.78

Code	Practice	Component	Units	Unit Cost
528	Prescribed Grazing	HU-Deferment, 90 - 209 days	ac	\$58.12
528	Prescribed Grazing	Enhanced - Strip Grazing	ac	\$55.28
528	Prescribed Grazing	HU-Enhanced - Strip Grazing	ac	\$66.33
528	Prescribed Grazing	High Density Grazing	ac	\$63.38
528	Prescribed Grazing	HU-High Density Grazing	ac	\$76.06
528	Prescribed Grazing	High Intensity, <=2 Day Rotation Frequency	ac	\$45.63
528	Prescribed Grazing	HU-High Intensity, <=2 Day Rotation Frequency	ac	\$54.76
528	Prescribed Grazing	Low Intensity, > 7 Day Rotation Frequency	ac	\$21.08
528	Prescribed Grazing	HU-Low Intensity, > 7 Day Rotation Frequency	ac	\$25.29
528	Prescribed Grazing	Medium Intensity, 7-3 Days Rotation Frequency	ac	\$32.14
528	Prescribed Grazing	HU-Medium Intensity, 7-3 Days Rotation Frequency	ac	\$38.56
533	Pumping Plant	Irrigation Pump	Ea	\$23,733.05
533	Pumping Plant	HU-Irrigation Pump	Ea	\$28,479.65
533	Pumping Plant	Large Wastewater Fuel Driven Pump > 50 Hp	Ea	\$24,547.98
533	Pumping Plant	HU-Large Wastewater Fuel Driven Pump > 50 Hp	Ea	\$29,457.58
533	Pumping Plant	Livestock Water, Deep Well Pump (> 25 ft deep) with Buried Pump House	Ea	\$3,032.59
533	Pumping Plant	HU-Livestock Water, Deep Well Pump (> 25 ft deep) with Buried Pump House	Ea	\$3,639.11
533	Pumping Plant	Livestock Water, Deep Well Pump (> 25ft deep) with Above Ground Pump House	Ea	\$2,161.91
533	Pumping Plant	HU-Livestock Water, Deep Well Pump (> 25ft deep) with Above Ground Pump House	Ea	\$2,594.30
533	Pumping Plant	Livestock Water, Deep Well Pump (>25 ft deep)	Ea	\$1,455.66
533	Pumping Plant	HU-Livestock Water, Deep Well Pump (>25 ft deep)	Ea	\$1,746.79
533	Pumping Plant	Livestock Water, Shallow Well Pump (<= 25 ft deep)	Ea	\$1,148.39
533	Pumping Plant	HU-Livestock Water, Shallow Well Pump (<= 25 ft deep)	Ea	\$1,378.07
533	Pumping Plant	Livestock Water, Shallow Well Pump (<= 25 ft deep) with Buried Pump House	Ea	\$2,732.27
533	Pumping Plant	HU-Livestock Water, Shallow Well Pump (<= 25 ft deep) with Buried Pump House	Ea	\$3,278.72
533	Pumping Plant	Livestock Water, Shallow Well Pump (<= 25ft deep) with Above Ground Pump House	Ea	\$1,854.64
533	Pumping Plant	HU-Livestock Water, Shallow Well Pump (<= 25ft deep) with Above Ground Pump House	Ea	\$2,225.57
533	Pumping Plant	Manure Pump >5 Hp	Ea	\$6,121.24
533	Pumping Plant	HU-Manure Pump >5 Hp	Ea	\$7,345.49
533	Pumping Plant	Microirrigation Pump	Ea	\$1,199.49

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	HU-Microirrigation Pump	Ea	\$1,439.39
533	Pumping Plant	Milk Transfer Pump	Ea	\$455.32
533	Pumping Plant	HU-Milk Transfer Pump	Ea	\$546.38
533	Pumping Plant	Pump with Sump	Ea	\$2,751.77
533	Pumping Plant	HU-Pump with Sump	Ea	\$3,302.12
533	Pumping Plant	Small Wastewater Fuel Driven Pump <= 50 Hp	Ea	\$18,996.66
533	Pumping Plant	HU-Small Wastewater Fuel Driven Pump <= 50 Hp	Ea	\$22,795.99
533	Pumping Plant	Solar Pump for Deep Well	Ea	\$8,108.11
533	Pumping Plant	HU-Solar Pump for Deep Well	Ea	\$9,729.74
533	Pumping Plant	Solar Pump for Pond	Ea	\$2,161.56
533	Pumping Plant	HU-Solar Pump for Pond	Ea	\$2,593.88
533	Pumping Plant	Solar Pump for Shallow Well or Spring Development	Ea	\$2,535.02
533	Pumping Plant	HU-Solar Pump for Shallow Well or Spring Development	Ea	\$3,042.03
533	Pumping Plant	Vacuum Pump	Ea	\$4,168.51
533	Pumping Plant	HU-Vacuum Pump	Ea	\$5,002.22
533	Pumping Plant	Wastewater Pump < 1 Hp	Ea	\$962.70
533	Pumping Plant	HU-Wastewater Pump < 1 Hp	Ea	\$1,155.24
533	Pumping Plant	Wastewater Pump 1-5 Hp	Ea	\$2,528.68
533	Pumping Plant	HU-Wastewater Pump 1-5 Hp	Ea	\$3,034.42
533	Pumping Plant	Windmill-Powered Pump	ft	\$795.72
533	Pumping Plant	HU-Windmill-Powered Pump	ft	\$954.86
554	Drainage Water Management	<=10 Acres per Structure	ac	\$7.90
554	Drainage Water Management	HU-<=10 Acres per Structure	ac	\$9.48
554	Drainage Water Management	>10 Acres per Structure	ac	\$5.26
554	Drainage Water Management	HU->10 Acres per Structure	ac	\$6.32
558	Roof Runoff Structure	Rock Trench Drain	ft	\$7.58
558	Roof Runoff Structure	HU-Rock Trench Drain	ft	\$9.10
558	Roof Runoff Structure	Roof Gutter, Large	ft	\$19.02
558	Roof Runoff Structure	HU-Roof Gutter, Large	ft	\$22.83
558	Roof Runoff Structure	Roof Gutter, Medium	ft	\$9.96
558	Roof Runoff Structure	HU-Roof Gutter, Medium	ft	\$11.96

Code	Practice	Component	Units	Unit Cost
558	Roof Runoff Structure	Roof Gutter, Small	ft	\$6.92
558	Roof Runoff Structure	HU-Roof Gutter, Small	ft	\$8.30
560	Access Road	New gravel road, 8in x 10ft, wet level terrain	ft	\$10.25
560	Access Road	HU-New gravel road, 8in x 10ft, wet level terrain	ft	\$12.30
560	Access Road	New gravel road, 8in x 12ft, wet level terrain	ft	\$11.95
560	Access Road	HU-New gravel road, 8in x 12ft, wet level terrain	ft	\$14.34
560	Access Road	New gravel road, 8in x 16ft, wet level terrain	ft	\$15.99
560	Access Road	HU-New gravel road, 8in x 16ft, wet level terrain	ft	\$19.19
561	Heavy Use Area Protection	Concrete HUA	sq ft	\$3.55
561	Heavy Use Area Protection	HU-Concrete HUA	sq ft	\$4.26
561	Heavy Use Area Protection	Gravel with Geotextile, Regular Thickness	sq ft	\$0.93
561	Heavy Use Area Protection	HU-Gravel with Geotextile, Regular Thickness	sq ft	\$1.11
561	Heavy Use Area Protection	Gravel with Geotextile, Thick	sq ft	\$1.20
561	Heavy Use Area Protection	HU-Gravel with Geotextile, Thick	sq ft	\$1.44
561	Heavy Use Area Protection	Gravel without Geotextile, Regular Thickness	sq ft	\$0.71
561	Heavy Use Area Protection	HU-Gravel without Geotextile, Regular Thickness	sq ft	\$0.85
561	Heavy Use Area Protection	Gravel without Geotextile, Thick	sq ft	\$0.99
561	Heavy Use Area Protection	HU-Gravel without Geotextile, Thick	sq ft	\$1.18
574	Spring Development	Collection Structure	Ea	\$952.86
574	Spring Development	HU-Collection Structure	Ea	\$1,143.43
574	Spring Development	Horizontal Collection Pipe	Ea	\$725.20
574	Spring Development	HU-Horizontal Collection Pipe	Ea	\$870.23
574	Spring Development	Horizontal Pipe with Collection Box	Ea	\$1,797.35
574	Spring Development	HU-Horizontal Pipe with Collection Box	Ea	\$2,156.82
575	Trails and Walkways	Trail or Walkway, Rock/Gravel on Geotextile	ft	\$6.35
575	Trails and Walkways	HU- Trail or Walkway, Rock/Gravel on Geotextile	ft	\$7.62
578	Stream Crossing	Culvert Installation	DiaInFt	\$2.81
578	Stream Crossing	HU-Culvert Installation	DiaInFt	\$3.37
578	Stream Crossing	Rip Rap Crossing	sq ft	\$2.52
578	Stream Crossing	HU-Rip Rap Crossing	sq ft	\$3.02
580	Streambank and Shoreline Protection	Bank Shaping	ft	\$7.48



Code	Practice	Component	Units	Unit Cost
580	Streambank and Shoreline Protection	HU-Bank Shaping	ft	\$8.97
580	Streambank and Shoreline Protection	Bioengineered	ft	\$15.77
580	Streambank and Shoreline Protection	HU-Bioengineered	ft	\$18.92
580	Streambank and Shoreline Protection	Stone Toe protection with vegetation	ft	\$34.80
580	Streambank and Shoreline Protection	HU-Stone Toe protection with vegetation	ft	\$41.76
580	Streambank and Shoreline Protection	Stream Barb/Bendway Weir-large stream	ft	\$58.69
580	Streambank and Shoreline Protection	HU-Stream Barb/Bendway Weir-large stream	ft	\$70.42
580	Streambank and Shoreline Protection	Stream Barb/LPSTP-Longitudinal Peaked Stone Toe Protection-small Streams	ft	\$30.34
580	Streambank and Shoreline Protection	HU-Stream Barb/LPSTP-Longitudinal Peaked Stone Toe Protection-small Streams	ft	\$36.41
580	Streambank and Shoreline Protection	Structural	CuYd	\$42.49
580	Streambank and Shoreline Protection	HU-Structural	CuYd	\$50.99
580	Streambank and Shoreline Protection	Weir/Riffle Large	Ea	\$6,661.68
580	Streambank and Shoreline Protection	HU-Weir/Riffle Large	Ea	\$7,994.01
580	Streambank and Shoreline Protection	Weir/Riffle Medium	Ea	\$5,065.72
580	Streambank and Shoreline Protection	HU-Weir/Riffle Medium	Ea	\$6,078.87
580	Streambank and Shoreline Protection	Weir/Riffle Small	Ea	\$2,509.87
580	Streambank and Shoreline Protection	HU-Weir/Riffle Small	Ea	\$3,011.84
582	Open Channel	Two stage ditch	ft	\$8.48
582	Open Channel	HU-Two stage ditch	ft	\$10.18
585	Stripcropping	Stripcropping - wind and water erosion	ac	\$1.22
585	Stripcropping	HU-Stripcropping - wind and water erosion	ac	\$1.46
587	Structure for Water Control	Inline Stoplog WCS, Surface Water Control, >18 in. dia. Pipe	Ea	\$5,577.32
587	Structure for Water Control	HU-Inline Stoplog WCS, Surface Water Control, >18 in. dia. Pipe	Ea	\$6,692.79
587	Structure for Water Control	Inline Stoplog WCS, Surface Water Control, 12-18 in. dia. Pipe	Ea	\$3,310.40
587	Structure for Water Control	HU-Inline Stoplog WCS, Surface Water Control, 12-18 in. dia. Pipe	Ea	\$3,972.48
587	Structure for Water Control	Inline Stoplog WCS, Surface Water Control, 6-10 in. dia. Pipe	Ea	\$1,974.17
587	Structure for Water Control	HU-Inline Stoplog WCS, Surface Water Control, 6-10 in. dia. Pipe	Ea	\$2,369.01
587	Structure for Water Control	Inline WCS, Subsurface Drainage Control, <=10 in. dia. Pipe	Ea	\$1,296.86
587	Structure for Water Control	HU-Inline WCS, Subsurface Drainage Control, <=10 in. dia. Pipe	Ea	\$1,556.24
587	Structure for Water Control	Inline WCS, Subsurface Drainage Control, >10 in. dia. Pipe	Ea	\$1,794.43
587	Structure for Water Control	HU-Inline WCS, Subsurface Drainage Control, >10 in. dia. Pipe	Ea	\$2,153.32

Code	Practice	Component	Units	Unit Cost
587	Structure for Water Control	Inline WCS, Subsurface Drainage Control, float activated head pressure valve	Ea	\$909.99
587	Structure for Water Control	HU-Inline WCS, Subsurface Drainage Control, float activated head pressure valve	Ea	\$1,091.99
587	Structure for Water Control	Straight Pipe, Surface Water Control, <=10 in. dia. Pipe (w/o adjustable control)	ft	\$33.86
587	Structure for Water Control	HU-Straight Pipe, Surface Water Control, <=10 in. dia. Pipe (w/o adjustable control)	ft	\$40.63
587	Structure for Water Control	Straight Pipe, Surface Water Control, >=12 in. dia. Pipe (w/o adjustable control)	ft	\$41.21
587	Structure for Water Control	HU-Straight Pipe, Surface Water Control, >=12 in. dia. Pipe (w/o adjustable control)	ft	\$49.46
587	Structure for Water Control	Watertight Flap gate Inflow WCS, Surface Water Control, <=15 in. dia. Pipe	Ea	\$2,464.67
587	Structure for Water Control	HU-Watertight Flap gate Inflow WCS, Surface Water Control, <=15 in. dia. Pipe	Ea	\$2,957.60
587	Structure for Water Control	Watertight Flap gate Inflow WCS, Surface Water Control, >15 in. dia. Pipe	Ea	\$2,958.53
587	Structure for Water Control	HU-Watertight Flap gate Inflow WCS, Surface Water Control, >15 in. dia. Pipe	Ea	\$3,550.24
587	Structure for Water Control	Weir Box Inlet WCS, Surface Water Control Using Existing Pipe (Box Only)	Ea	\$392.28
587	Structure for Water Control	HU-Weir Box Inlet WCS, Surface Water Control Using Existing Pipe (Box Only)	Ea	\$470.74
587	Structure for Water Control	Weir Box Inlet WCS, Surface Water Control, <=16 in. dia. Pipe.	Ea	\$2,950.69
587	Structure for Water Control	HU-Weir Box Inlet WCS, Surface Water Control, <=16 in. dia. Pipe.	Ea	\$3,540.83
587	Structure for Water Control	Weir Box Inlet WCS, Surface Water Control, >16 in. dia. Pipe.	Ea	\$4,167.50
587	Structure for Water Control	HU-Weir Box Inlet WCS, Surface Water Control, >16 in. dia. Pipe.	Ea	\$5,001.00
590	Nutrient Management	Adaptive NM	Ea	\$2,044.96
590	Nutrient Management	HU-Adaptive NM	Ea	\$2,453.95
590	Nutrient Management	Basic NM (Non-Organic/Organic)	ac	\$6.50
590	Nutrient Management	HU-Basic NM (Non-Organic/Organic)	ac	\$7.80
590	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/Organic)	ac	\$14.00
590	Nutrient Management	HU-Basic NM with Manure and/or Compost (Non-Organic/Organic)	ac	\$16.80
590	Nutrient Management	Basic NM with Manure Injection or Incorporation	ac	\$26.10
590	Nutrient Management	HU-Basic NM with Manure Injection or Incorporation	ac	\$31.32
590	Nutrient Management	Basic Precision NM (Non-Organic/Organic)	ac	\$38.13
590	Nutrient Management	HU-Basic Precision NM (Non-Organic/Organic)	ac	\$45.75
590	Nutrient Management	Small Farm NM (Non-Organic/Organic)	Ea	\$217.94
590	Nutrient Management	HU-Small Farm NM (Non-Organic/Organic)	Ea	\$261.52
591	Amendments for the Treatment of Agricultural Waste	Liquid Animal Waste Amendment	cu ft	\$0.15
591	Amendments for the Treatment of Agricultural Waste	HU-Liquid Animal Waste Amendment	cu ft	\$0.18
591	Amendments for the Treatment of Agricultural Waste	Litter Amendments applied for Air Quality resource concerns	kSqFt	\$26.31

Code	Practice	Component	Units	Unit Cost
591	Amendments for the Treatment of Agricultural Waste	HU-Litter Amendments applied for Air Quality resource concerns	kSqFt	\$31.58
591	Amendments for the Treatment of Agricultural Waste	Litter Amendments applied on a %w/w basis for Water Quality Impacts	ton	\$726.38
591	Amendments for the Treatment of Agricultural Waste	HU-Litter Amendments applied on a %w/w basis for Water Quality Impacts	ton	\$871.65
591	Amendments for the Treatment of Agricultural Waste	Litter Amendments for Air Quality With Partially Treated Brood Chamber	kSqFt	\$21.30
591	Amendments for the Treatment of Agricultural Waste	HU-Litter Amendments for Air Quality With Partially Treated Brood Chamber	kSqFt	\$25.56
591	Amendments for the Treatment of Agricultural Waste	Litter Amendments for Water Quality With Partially Treated Brood Chamber	kSqFt	\$29.40
591	Amendments for the Treatment of Agricultural Waste	HU-Litter Amendments for Water Quality With Partially Treated Brood Chamber	kSqFt	\$35.28
592	Feed Management	Cow Dairy - Large	ani unt	\$3.08
592	Feed Management	HU-Cow Dairy - Large	ani unt	\$3.70
592	Feed Management	Dairy-Small	ani unt	\$26.24
592	Feed Management	HU-Dairy-Small	ani unt	\$31.49
592	Feed Management	Livestock	ani unt	\$1.55
592	Feed Management	HU-Livestock	ani unt	\$1.86
592	Feed Management	Poultry/Layer Operation	ani unt	\$19.01
592	Feed Management	HU-Poultry/Layer Operation	ani unt	\$22.81
595	Integrated Pest Management (IPM)	Advanced IPM Field All RCs	ac	\$26.95
595	Integrated Pest Management (IPM)	HU-Advanced IPM Field All RCs	ac	\$32.34
595	Integrated Pest Management (IPM)	Advanced IPM Fruit/Veg All RCs	ac	\$192.87
595	Integrated Pest Management (IPM)	HU-Advanced IPM Fruit/Veg All RCs	ac	\$231.44
595	Integrated Pest Management (IPM)	Advanced IPM Orchard All RCs	ac	\$213.93
595	Integrated Pest Management (IPM)	HU-Advanced IPM Orchard All RCs	ac	\$256.71
595	Integrated Pest Management (IPM)	Advanced IPM S-Farm All RCs	Ea	\$2,139.28
595	Integrated Pest Management (IPM)	HU-Advanced IPM S-Farm All RCs	Ea	\$2,567.13
595	Integrated Pest Management (IPM)	Basic IPM Field >1RC	ac	\$14.13
595	Integrated Pest Management (IPM)	HU-Basic IPM Field >1RC	ac	\$16.96
595	Integrated Pest Management (IPM)	Basic IPM Field 1RC	ac	\$9.42
595	Integrated Pest Management (IPM)	HU-Basic IPM Field 1RC	ac	\$11.31
595	Integrated Pest Management (IPM)	Basic IPM Fruit/Veg >1RC	ac	\$139.39
595	Integrated Pest Management (IPM)	HU-Basic IPM Fruit/Veg >1RC	ac	\$167.26
595	Integrated Pest Management (IPM)	Basic IPM Fruit/Veg 1RC	ac	\$64.01
595	Integrated Pest Management (IPM)	HU-Basic IPM Fruit/Veg 1RC	ac	\$76.81

Code	Practice	Component	Units	Unit Cost
595	Integrated Pest Management (IPM)	Basic IPM Orchard >1RC	ac	\$182.34
595	Integrated Pest Management (IPM)	HU-Basic IPM Orchard >1RC	ac	\$218.81
595	Integrated Pest Management (IPM)	Basic IPM Orchard 1RC	ac	\$155.60
595	Integrated Pest Management (IPM)	HU-Basic IPM Orchard 1RC	ac	\$186.72
595	Integrated Pest Management (IPM)	IPM S-Farm >1RC	Ea	\$907.53
595	Integrated Pest Management (IPM)	HU-IPM S-Farm >1RC	Ea	\$1,089.03
595	Integrated Pest Management (IPM)	IPM S-Farm 1RC	Ea	\$534.82
595	Integrated Pest Management (IPM)	HU-IPM S-Farm 1RC	Ea	\$641.78
595	Integrated Pest Management (IPM)	Risk Prevention IPM All RCs	ac	\$120.54
595	Integrated Pest Management (IPM)	HU-Risk Prevention IPM All RCs	ac	\$144.65
603	Herbaceous Wind Barriers	Cool Season Annual/Perennial Species	LnFt	\$0.06
603	Herbaceous Wind Barriers	HU-Cool Season Annual/Perennial Species	LnFt	\$0.08
604	Saturated Buffer	Saturated Buffer	ft	\$4.61
604	Saturated Buffer	HU-Saturated Buffer	ft	\$5.53
605	Denitrifying Bioreactor	Denitrifying Bioreactor with liner, no soil cover	CuYd	\$35.75
605	Denitrifying Bioreactor	HU-Denitrifying Bioreactor with liner, no soil cover	CuYd	\$42.90
606	Subsurface Drain	<= 5in CPP	ft	\$1.63
606	Subsurface Drain	HU-<= 5in CPP	ft	\$1.96
606	Subsurface Drain	>= 15in CPP	ft	\$8.40
606	Subsurface Drain	HU->= 15in CPP	ft	\$10.08
606	Subsurface Drain	10in CPP	ft	\$5.79
606	Subsurface Drain	HU-10in CPP	ft	\$6.94
606	Subsurface Drain	12in CPP	ft	\$6.52
606	Subsurface Drain	HU-12in CPP	ft	\$7.83
606	Subsurface Drain	6in CPP	ft	\$1.97
606	Subsurface Drain	HU-6in CPP	ft	\$2.36
606	Subsurface Drain	8in CPP	ft	\$4.33
606	Subsurface Drain	HU-8in CPP	ft	\$5.20
606	Subsurface Drain	Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch	ft	\$3.40
606	Subsurface Drain	HU-Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch	ft	\$4.08
606	Subsurface Drain	Secondary Main Retrofit for DWM	ft	\$5.75

Code	Practice	Component	Units	Unit Cost
606	Subsurface Drain	HU-Secondary Main Retrofit for DWM	ft	\$6.89
612	Tree/Shrub Establishment	Bareroot Trees and Shrubs, Each	Ea	\$0.57
612	Tree/Shrub Establishment	HU-Bareroot Trees and Shrubs, Each	Ea	\$0.68
612	Tree/Shrub Establishment	Bareroot Trees and Shrubs, Hand Planting	Ea	\$1.90
612	Tree/Shrub Establishment	HU-Bareroot Trees and Shrubs, Hand Planting	Ea	\$2.28
612	Tree/Shrub Establishment	Bareroot Trees and Shrubs, Hand Planting with Shelters	Ea	\$4.23
612	Tree/Shrub Establishment	HU-Bareroot Trees and Shrubs, Hand Planting with Shelters	Ea	\$5.08
612	Tree/Shrub Establishment	Bareroot Trees and Shrubs, with Tree Shelters, Each	Ea	\$2.59
612	Tree/Shrub Establishment	HU-Bareroot Trees and Shrubs, with Tree Shelters, Each	Ea	\$3.10
612	Tree/Shrub Establishment	Conifer Establishment, Bareroot	ac	\$656.25
612	Tree/Shrub Establishment	HU-Conifer Establishment, Bareroot	ac	\$703.07
612	Tree/Shrub Establishment	Container Trees and Shrubs 2 gallon and larger with tree shelters, Each	Ea	\$13.22
612	Tree/Shrub Establishment	HU-Container Trees and Shrubs 2 gallon and larger with tree shelters, Each	Ea	\$15.86
612	Tree/Shrub Establishment	Container Trees and Shrubs, 2 gallon and larger, Each	Ea	\$8.00
612	Tree/Shrub Establishment	HU-Container Trees and Shrubs, 2 gallon and larger, Each	Ea	\$9.60
612	Tree/Shrub Establishment	Direct Seeding	ac	\$695.28
612	Tree/Shrub Establishment	HU-Direct Seeding	ac	\$749.90
612	Tree/Shrub Establishment	Direct Seeding, no Foregone Income	ac	\$273.14
612	Tree/Shrub Establishment	HU-Direct Seeding, no Foregone Income	ac	\$327.77
612	Tree/Shrub Establishment	Hardwood Establishment, Bareroot	ac	\$667.05
612	Tree/Shrub Establishment	HU-Hardwood Establishment, Bareroot	ac	\$716.03
612	Tree/Shrub Establishment	Hardwood Establishment, Bareroot, Free Seedlings	ac	\$476.40
612	Tree/Shrub Establishment	HU-Hardwood Establishment, Bareroot, Free Seedlings	ac	\$487.25
612	Tree/Shrub Establishment	Hardwood Planting, 1 gallon pots	ac	\$684.72
612	Tree/Shrub Establishment	HU-Hardwood Planting, 1 gallon pots	ac	\$821.67
612	Tree/Shrub Establishment	Hardwood Planting, 1 gallon pots with tree shelters	ac	\$1,127.14
612	Tree/Shrub Establishment	HU-Hardwood Planting, 1 gallon pots with tree shelters	ac	\$1,352.57
612	Tree/Shrub Establishment	Shrub Establishment, Bareroot	ac	\$1,220.54
612	Tree/Shrub Establishment	HU-Shrub Establishment, Bareroot	ac	\$1,380.22
612	Tree/Shrub Establishment	Tree/Shrub Regeneration Area with Protection	ac	\$298.70
612	Tree/Shrub Establishment	HU-Tree/Shrub Regeneration Area with Protection	ac	\$358.44

Code	Practice	Component	Units	Unit Cost
614	Watering Facility	Above Ground Storage, >3,000 gallons	Ea	\$3,823.12
614	Watering Facility	HU-Above Ground Storage, >3,000 gallons	Ea	\$4,587.74
614	Watering Facility	Above Ground Storage, 1,000 - 3,000 gallons	Ea	\$2,268.94
614	Watering Facility	HU-Above Ground Storage, 1,000 - 3,000 gallons	Ea	\$2,722.73
614	Watering Facility	Access Ramp	sq ft	\$2.35
614	Watering Facility	HU-Access Ramp	sq ft	\$2.82
614	Watering Facility	Frost Free Waterer	Ea	\$996.08
614	Watering Facility	HU-Frost Free Waterer	Ea	\$1,195.30
614	Watering Facility	Large Permanent Tank, 450 -1000 gallons, or Fountain	Ea	\$981.11
614	Watering Facility	HU-Large Permanent Tank, 450 -1000 gallons, or Fountain	Ea	\$1,177.33
614	Watering Facility	Permanent Tank, <450 gallons	Ea	\$398.20
614	Watering Facility	HU-Permanent Tank, <450 gallons	Ea	\$477.84
614	Watering Facility	Portable Tank	Ea	\$150.36
614	Watering Facility	HU-Portable Tank	Ea	\$180.43
614	Watering Facility	Tire Tank	Ea	\$895.35
614	Watering Facility	HU-Tire Tank	Ea	\$1,074.42
614	Watering Facility	Underground Storage Tank	Ea	\$3,555.74
614	Watering Facility	HU-Underground Storage Tank	Ea	\$4,266.88
620	Underground Outlet	<= 5in Diameter Pipe with Catch Basin	ft	\$2.95
620	Underground Outlet	HU-<= 5in Diameter Pipe with Catch Basin	ft	\$3.54
620	Underground Outlet	<= 5in Diameter Pipe with Risers	ft	\$2.29
620	Underground Outlet	HU-<= 5in Diameter Pipe with Risers	ft	\$2.75
620	Underground Outlet	<=5in Diameter Pipe	ft	\$2.08
620	Underground Outlet	HU-<=5in Diameter Pipe	ft	\$2.50
620	Underground Outlet	>=12in Diameter Pipe	ft	\$7.44
620	Underground Outlet	HU->=12in Diameter Pipe	ft	\$8.93
620	Underground Outlet	>=12in Diameter Pipe with Catch Basin	ft	\$8.59
620	Underground Outlet	HU->=12in Diameter Pipe with Catch Basin	ft	\$10.31
620	Underground Outlet	>=12in Diameter Pipe with Risers	ft	\$9.09
620	Underground Outlet	HU->=12in Diameter Pipe with Risers	ft	\$10.91
620	Underground Outlet	10in Diameter Pipe	ft	\$6.57

Code	Practice	Component	Units	Unit Cost
620	Underground Outlet	HU-10in Diameter Pipe	ft	\$7.89
620	Underground Outlet	10in Diameter Pipe with Catch Basin	ft	\$7.45
620	Underground Outlet	HU-10in Diameter Pipe with Catch Basin	ft	\$8.94
620	Underground Outlet	10in Diameter Pipe with Risers	ft	\$7.03
620	Underground Outlet	HU-10in Diameter Pipe with Risers	ft	\$8.43
620	Underground Outlet	6in Diameter Pipe	ft	\$2.48
620	Underground Outlet	HU-6in Diameter Pipe	ft	\$2.97
620	Underground Outlet	6in Diameter Pipe with Catch Basin	ft	\$3.35
620	Underground Outlet	HU-6in Diameter Pipe with Catch Basin	ft	\$4.02
620	Underground Outlet	6in Diameter Pipe with Risers	ft	\$2.69
620	Underground Outlet	HU-6in Diameter Pipe with Risers	ft	\$3.23
620	Underground Outlet	8in Diameter Pipe	ft	\$4.92
620	Underground Outlet	HU-8in Diameter Pipe	ft	\$5.90
620	Underground Outlet	8in Diameter Pipe with Catch Basin	ft	\$5.37
620	Underground Outlet	HU-8in Diameter Pipe with Catch Basin	ft	\$6.44
620	Underground Outlet	8in Diameter Pipe with Risers	ft	\$4.83
620	Underground Outlet	HU-8in Diameter Pipe with Risers	ft	\$5.80
620	Underground Outlet	Blind Inlet	ft	\$44.94
620	Underground Outlet	HU-Blind Inlet	ft	\$53.93
620	Underground Outlet	Blind Inlet for Water Quality	CuYd	\$40.62
620	Underground Outlet	HU-Blind Inlet for Water Quality	CuYd	\$48.75
620	Underground Outlet	Perforated Pipe Riser	Ea	\$219.68
620	Underground Outlet	HU-Perforated Pipe Riser	Ea	\$263.61
620	Underground Outlet	Trickle Flow Collector	ft	\$44.50
620	Underground Outlet	HU-Trickle Flow Collector	ft	\$53.39
629	Waste Treatment	Milking Parlor Waste Treatment System with Dosing System	Ea	\$6,142.16
629	Waste Treatment	HU-Milking Parlor Waste Treatment System with Dosing System	Ea	\$7,370.59
632	Waste Separation Facility	Concrete Basin	cu ft	\$3.25
632	Waste Separation Facility	HU-Concrete Basin	cu ft	\$3.90
632	Waste Separation Facility	Concrete Sand Settling Lane	sq ft	\$5.56
632	Waste Separation Facility	HU-Concrete Sand Settling Lane	sq ft	\$6.67

Code	Practice	Component	Units	Unit Cost
632	Waste Separation Facility	Earthen Settling Structure	cu ft	\$0.25
632	Waste Separation Facility	HU-Earthen Settling Structure	cu ft	\$0.30
632	Waste Separation Facility	Gravity Tank	cu ft	\$3.25
632	Waste Separation Facility	HU-Gravity Tank	cu ft	\$3.90
634	Waste Transfer	Agitator, large, > 15 ft deep reception pit	Ea	\$20,143.73
634	Waste Transfer	HU-Agitator, large, > 15 ft deep reception pit	Ea	\$24,172.47
634	Waste Transfer	Agitator, medium, 10 ft to 15 ft deep reception pit	Ea	\$13,797.45
634	Waste Transfer	HU-Agitator, medium, 10 ft to 15 ft deep reception pit	Ea	\$16,556.94
634	Waste Transfer	Agitator, small, < 10 ft deep reception pit	Ea	\$8,983.51
634	Waste Transfer	HU-Agitator, small, < 10 ft deep reception pit	Ea	\$10,780.21
634	Waste Transfer	Cased Pipeline with Boring	ft	\$92.65
634	Waste Transfer	HU-Cased Pipeline with Boring	ft	\$111.18
634	Waste Transfer	Concrete Channel with Drop Chute	Ea	\$7,684.95
634	Waste Transfer	HU-Concrete Channel with Drop Chute	Ea	\$9,221.94
634	Waste Transfer	Concrete Channel with push-off wall at pond and safety gate	sq ft	\$9.85
634	Waste Transfer	HU-Concrete Channel with push-off wall at pond and safety gate	sq ft	\$11.82
634	Waste Transfer	Concrete Channel, no footers	sq ft	\$6.58
634	Waste Transfer	HU-Concrete Channel, no footers	sq ft	\$7.90
634	Waste Transfer	Concrete Channel, with footers	sq ft	\$7.99
634	Waste Transfer	HU-Concrete Channel, with footers	sq ft	\$9.59
634	Waste Transfer	Gravity or Low Pressure Flow Pipeline, Large	ft	\$29.79
634	Waste Transfer	HU-Gravity or Low Pressure Flow Pipeline, Large	ft	\$35.74
634	Waste Transfer	Gravity or Low Pressure Flow Pipeline, Small	ft	\$12.92
634	Waste Transfer	HU-Gravity or Low Pressure Flow Pipeline, Small	ft	\$15.50
634	Waste Transfer	Lot Runoff Containment Wall, <=1ft tall	ft	\$37.07
634	Waste Transfer	HU-Lot Runoff Containment Wall, <=1ft tall	ft	\$44.49
634	Waste Transfer	Manure Auger	Ea	\$4,325.75
634	Waste Transfer	HU-Manure Auger	Ea	\$5,190.90
634	Waste Transfer	Manure Flush System	gal	\$4.22
634	Waste Transfer	HU-Manure Flush System	gal	\$5.07
634	Waste Transfer	Pressurized Pipeline	ft	\$13.70



Code	Practice	Component	Units	Unit Cost
634	Waste Transfer	HU-Pressurized Pipeline	ft	\$16.44
634	Waste Transfer	Wastewater catch basin, less than 1000 gal.	gal	\$4.54
634	Waste Transfer	HU-Wastewater catch basin, less than 1000 gal.	gal	\$5.45
634	Waste Transfer	Wastewater Recycle System for Flush System, Pipes only	ft	\$6.92
634	Waste Transfer	HU-Wastewater Recycle System for Flush System, Pipes only	ft	\$8.30
635	Vegetated Treatment Area	VTa using an Existing Vegetative Area with Flow Distribution	ac	\$6,872.28
635	Vegetated Treatment Area	HU-VTA using an Existing Vegetative Area with Flow Distribution	ac	\$8,246.73
635	Vegetated Treatment Area	VTa-Constructed Vegetative Area with Flow Distribution	ac	\$5,365.17
635	Vegetated Treatment Area	HU-VTA-Constructed Vegetative Area with Flow Distribution	ac	\$6,438.20
635	Vegetated Treatment Area	VTa-Constructed with Mechanical distribution	ac	\$1,593.64
635	Vegetated Treatment Area	HU-VTA-Constructed with Mechanical distribution	ac	\$1,912.37
638	Water and Sediment Control Basin	Base	CuYd	\$2.12
638	Water and Sediment Control Basin	HU-Base	CuYd	\$2.54
638	Water and Sediment Control Basin	Base, crop seasonal construction	CuYd	\$2.72
638	Water and Sediment Control Basin	HU-Base, crop seasonal construction	CuYd	\$3.14
638	Water and Sediment Control Basin	Farmable	ft	\$4.32
638	Water and Sediment Control Basin	HU-Farmable	ft	\$5.19
638	Water and Sediment Control Basin	Narrow Base	ft	\$1.77
638	Water and Sediment Control Basin	HU-Narrow Base	ft	\$2.12
638	Water and Sediment Control Basin	Topsoil	CuYd	\$2.35
638	Water and Sediment Control Basin	HU-Topsoil	CuYd	\$2.82
642	Water Well	Deep Drilled Well, > 100 Feet	ft	\$20.24
642	Water Well	HU-Deep Drilled Well, > 100 Feet	ft	\$24.29
642	Water Well	Shallow Drilled Well, <= 100 feet, <= 6in Dia.	ft	\$40.04
642	Water Well	HU-Shallow Drilled Well, <= 100 feet, <= 6in Dia.	ft	\$48.05
642	Water Well	Shallow Drilled Well, <= 100 feet, > 6in Dia.	ft	\$48.28
642	Water Well	HU-Shallow Drilled Well, <= 100 feet, > 6in Dia.	ft	\$57.93
643	Restoration of Rare or Declining Natural Communities	Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	\$81.47
643	Restoration of Rare or Declining Natural Communities	HU-Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	\$97.77
643	Restoration of Rare or Declining Natural Communities	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	\$30.08

Code	Practice	Component	Units	Unit Cost
643	Restoration of Rare or Declining Natural Communities	HU-Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	\$36.10
643	Restoration of Rare or Declining Natural Communities	Glade Restoration, Heavy	ac	\$517.10
643	Restoration of Rare or Declining Natural Communities	HU-Glade Restoration, Heavy	ac	\$620.52
643	Restoration of Rare or Declining Natural Communities	Glade Restoration, Light	ac	\$284.09
643	Restoration of Rare or Declining Natural Communities	HU-Glade Restoration, Light	ac	\$340.90
643	Restoration of Rare or Declining Natural Communities	Habitat Monitoring and Management, Low Intensity and Complexity	ac	\$3.16
643	Restoration of Rare or Declining Natural Communities	HU-Habitat Monitoring and Management, Low Intensity and Complexity	ac	\$3.79
643	Restoration of Rare or Declining Natural Communities	Savanna or Prairie Restoration, Heavy	ac	\$175.03
643	Restoration of Rare or Declining Natural Communities	HU-Savanna or Prairie Restoration, Heavy	ac	\$210.03
643	Restoration of Rare or Declining Natural Communities	Savanna or Prairie Restoration, Light	ac	\$51.44
643	Restoration of Rare or Declining Natural Communities	HU-Savanna or Prairie Restoration, Light	ac	\$61.72
643	Restoration of Rare or Declining Natural Communities	Savanna or Prairie Restoration, Medium	ac	\$94.80
643	Restoration of Rare or Declining Natural Communities	HU-Savanna or Prairie Restoration, Medium	ac	\$113.76
643	Restoration of Rare or Declining Natural Communities	Woodland Restoration, Heavy	ac	\$166.01
643	Restoration of Rare or Declining Natural Communities	HU-Woodland Restoration, Heavy	ac	\$199.21
643	Restoration of Rare or Declining Natural Communities	Woodland Restoration, Light	ac	\$80.00
643	Restoration of Rare or Declining Natural Communities	HU-Woodland Restoration, Light	ac	\$96.00
643	Restoration of Rare or Declining Natural Communities	Woodland Restoration, Medium	ac	\$89.91
643	Restoration of Rare or Declining Natural Communities	HU-Woodland Restoration, Medium	ac	\$107.89
644	Wetland Wildlife Habitat Management	Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	\$81.47
644	Wetland Wildlife Habitat Management	HU-Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	\$97.77
644	Wetland Wildlife Habitat Management	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	\$30.08
644	Wetland Wildlife Habitat Management	HU-Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	\$36.10
644	Wetland Wildlife Habitat Management	Management and monitoring only, foregone income	ac	\$434.23
644	Wetland Wildlife Habitat Management	HU-Management and monitoring only, foregone income	ac	\$436.65
644	Wetland Wildlife Habitat Management	Topographic Feature Creation, High	ac	\$1,375.47
644	Wetland Wildlife Habitat Management	HU-Topographic Feature Creation, High	ac	\$1,650.56
644	Wetland Wildlife Habitat Management	Topographic Feature Creation, Low	ac	\$672.66
644	Wetland Wildlife Habitat Management	HU-Topographic Feature Creation, Low	ac	\$807.19

Code	Practice	Component	Units	Unit Cost
644	Wetland Wildlife Habitat Management	Wetland Wildlife Habitat Monitoring and Management, Low Intensity and Complexity	ac	\$3.16
644	Wetland Wildlife Habitat Management	HU-Wetland Wildlife Habitat Monitoring and Management, Low Intensity and Complexity	ac	\$3.79
645	Upland Wildlife Habitat Management	Deferred Acres	ac	\$434.46
645	Upland Wildlife Habitat Management	HU-Deferred Acres	ac	\$436.92
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, Low Intensity and Complexity	ac	\$3.16
645	Upland Wildlife Habitat Management	HU-Habitat Monitoring and Management, Low Intensity and Complexity	ac	\$3.79
645	Upland Wildlife Habitat Management	Macro Topography, deep	Ea	\$639.28
645	Upland Wildlife Habitat Management	HU-Macro Topography, deep	Ea	\$767.13
645	Upland Wildlife Habitat Management	Wildlife Habitat Enhancement w/ FI	ac	\$18.47
645	Upland Wildlife Habitat Management	HU-Wildlife Habitat Enhancement w/ FI	ac	\$18.78
646	Shallow Water Development and Management	Management, Low Level	ac	\$65.97
646	Shallow Water Development and Management	HU-Management, Low Level	ac	\$79.16
647	Early Successional Habitat Development/Management	Disking	ac	\$70.32
647	Early Successional Habitat Development/Management	HU-Disking	ac	\$84.38
647	Early Successional Habitat Development/Management	Mowing	ac	\$145.82
647	Early Successional Habitat Development/Management	HU-Mowing	ac	\$174.98
647	Early Successional Habitat Development/Management	Mowing and Disking	ac	\$153.94
647	Early Successional Habitat Development/Management	HU-Mowing and Disking	ac	\$184.72
647	Early Successional Habitat Development/Management	Mowing and Heavy Disking	ac	\$162.05
647	Early Successional Habitat Development/Management	HU-Mowing and Heavy Disking	ac	\$194.46
649	Structures for Wildlife	Brush Pile, Small	Ea	\$25.21
649	Structures for Wildlife	HU-Brush Pile, Small	Ea	\$30.25
649	Structures for Wildlife	Downed Tree Structure	Ea	\$192.83
649	Structures for Wildlife	HU-Downed Tree Structure	Ea	\$231.40
649	Structures for Wildlife	Edgefeathering, heavy	ac	\$770.33
649	Structures for Wildlife	HU-Edgefeathering, heavy	ac	\$924.40
649	Structures for Wildlife	Edgefeathering, light	ac	\$407.97
649	Structures for Wildlife	HU-Edgefeathering, light	ac	\$489.56
650	Windbreak/Shelterbelt Renovation	Removal and/or Thinning with Chain Saw	ft	\$0.50
650	Windbreak/Shelterbelt Renovation	HU-Removal and/or Thinning with Chain Saw	ft	\$0.59

Code	Practice	Component	Units	Unit Cost
650	Windbreak/Shelterbelt Renovation	Within Row Replacement, Bare-root Planting Stock	ft	\$0.31
650	Windbreak/Shelterbelt Renovation	HU-Within Row Replacement, Bare-root Planting Stock	ft	\$0.37
650	Windbreak/Shelterbelt Renovation	Within Row Replacement, Containerized Planting Stock	ft	\$1.22
650	Windbreak/Shelterbelt Renovation	HU-Within Row Replacement, Containerized Planting Stock	ft	\$1.46
656	Constructed Wetland	Constructed Wetland, Dense Planting	ac	\$9,841.54
656	Constructed Wetland	HU-Constructed Wetland, Dense Planting	ac	\$11,767.63
657	Wetland Restoration	Depression Sediment Removal and Ditch Plug	ac	\$2,399.02
657	Wetland Restoration	HU-Depression Sediment Removal and Ditch Plug	ac	\$2,794.39
657	Wetland Restoration	Mineral Flat, Tile Removal	ac	\$437.98
657	Wetland Restoration	HU-Mineral Flat, Tile Removal	ac	\$441.14
657	Wetland Restoration	Riverine Channel and Floodplain Restoration	ac	\$1,177.49
657	Wetland Restoration	HU-Riverine Channel and Floodplain Restoration	ac	\$1,356.70
657	Wetland Restoration	Riverine, oxbow wetland	ac	\$19,748.81
657	Wetland Restoration	HU-Riverine, oxbow wetland	ac	\$23,698.57
657	Wetland Restoration	Vernal Pool	ac	\$7,918.69
657	Wetland Restoration	HU-Vernal Pool	ac	\$9,502.42
658	Wetland Creation	Embankment	ac	\$3,332.18
658	Wetland Creation	HU-Embankment	ac	\$3,914.19
658	Wetland Creation	Excavated	ac	\$3,283.46
658	Wetland Creation	HU-Excavated	ac	\$3,855.72
659	Wetland Enhancement	Depression, Sediment Removal and Ditch Plug	ac	\$2,399.02
659	Wetland Enhancement	HU-Depression, Sediment Removal and Ditch Plug	ac	\$2,794.39
659	Wetland Enhancement	Mineral Flat, Tile Removal	ac	\$437.98
659	Wetland Enhancement	HU-Mineral Flat, Tile Removal	ac	\$441.14
659	Wetland Enhancement	Riverine, Channel and Floodplain Restoration	ac	\$1,766.24
659	Wetland Enhancement	HU-Riverine, Channel and Floodplain Restoration	ac	\$2,035.06
659	Wetland Enhancement	Vernal Pool	ac	\$7,918.69
659	Wetland Enhancement	HU-Vernal Pool	ac	\$9,502.42
666	Forest Stand Improvement	Forest Stand Improvement, Heavy	ac	\$137.52
666	Forest Stand Improvement	HU-Forest Stand Improvement, Heavy	ac	\$165.02
666	Forest Stand Improvement	Forest Stand Improvement, Light	ac	\$89.28

Code	Practice	Component	Units	Unit Cost
666	Forest Stand Improvement	HU-Forest Stand Improvement, Light	ac	\$107.13
666	Forest Stand Improvement	Forest Stand Improvement, Medium	ac	\$109.11
666	Forest Stand Improvement	HU-Forest Stand Improvement, Medium	ac	\$130.93
666	Forest Stand Improvement	Temporary Forest Openings, patch clearcuts	ac	\$158.54
666	Forest Stand Improvement	HU-Temporary Forest Openings, patch clearcuts	ac	\$190.25
670	Lighting System Improvement	Lighting - Indoor Bulb Replacement	Ea	\$10.91
670	Lighting System Improvement	HU-Lighting - Indoor Bulb Replacement	Ea	\$13.09
670	Lighting System Improvement	Lighting - Indoor Fixture Conversion	Ea	\$290.33
670	Lighting System Improvement	HU-Lighting - Indoor Fixture Conversion	Ea	\$348.39
670	Lighting System Improvement	Lighting - Outdoor/High Bay Bulb Replacement	Ea	\$242.78
670	Lighting System Improvement	HU-Lighting - Outdoor/High Bay Bulb Replacement	Ea	\$291.34
670	Lighting System Improvement	Lighting - Outdoor/High Bay Fixture Conversion	Ea	\$318.98
670	Lighting System Improvement	HU-Lighting - Outdoor/High Bay Fixture Conversion	Ea	\$382.78
672	Building Envelope Improvement	Building Envelope - Attic Insulation	sq ft	\$0.63
672	Building Envelope Improvement	HU-Building Envelope - Attic Insulation	sq ft	\$0.76
672	Building Envelope Improvement	Building Envelope - Curtain Wall Conversion	sq ft	\$2.99
672	Building Envelope Improvement	HU-Building Envelope - Curtain Wall Conversion	sq ft	\$3.59
672	Building Envelope Improvement	Building Envelope - Greenhouse Screens	sq ft	\$1.59
672	Building Envelope Improvement	HU-Building Envelope - Greenhouse Screens	sq ft	\$1.90
672	Building Envelope Improvement	Building Envelope - Greenhouse Unglazed Wall Insulation	sq ft	\$0.24
672	Building Envelope Improvement	HU-Building Envelope - Greenhouse Unglazed Wall Insulation	sq ft	\$0.29
672	Building Envelope Improvement	Building Envelope - Insulated Curtain Upgrade	sq ft	\$2.03
672	Building Envelope Improvement	HU-Building Envelope - Insulated Curtain Upgrade	sq ft	\$2.43
672	Building Envelope Improvement	Building Envelope - Insulated Door Upgrade	sq ft	\$8.18
672	Building Envelope Improvement	HU-Building Envelope - Insulated Door Upgrade	sq ft	\$9.82
672	Building Envelope Improvement	Building Envelope - Sealant	ft	\$1.34
672	Building Envelope Improvement	HU-Building Envelope - Sealant	ft	\$1.61
672	Building Envelope Improvement	Building Envelope - Wall Insulation	sq ft	\$1.79
672	Building Envelope Improvement	HU-Building Envelope - Wall Insulation	sq ft	\$2.14